

# Converting Colors

XYZ(79.9494, 92.5705, 92.1474)

Have a look what the booklet for  
XYZ(79.9494, 92.5705, 92.1474)  
contains.

<b>XYZ(79.9688, 92.5782, 92.2518)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(79.9688, 92.5782,  
92.2518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBFFEB
RGB	219, 255, 235
RGB Percent	86%, 100%, 92%
CMY	0.1412, 0.0000, 0.0784
CMYK	0.14, 0.00, 0.08, 0.00
HSL	147°, 100%, 93%
HSV	147°, 14%, 100%
XYZ	79.9688, 92.5782, 92.2518
YIQ	241.9560, -15.0360, -13.8520

# Conversions

## Conversions Part 2

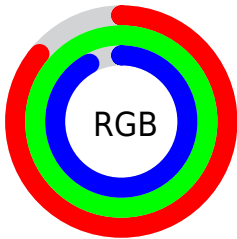
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 244, 255
Decimal	14417899
CIE Lab	97.06, -15.29, 5.67
CIE LCh	97, 16.306, 159.634
Yxy	92.5782, 0.3020, 0.3496
Android (android.graphics.Color)	4292607979 (0xFFDBFFEB)
YUV	241.9560, -3.4293, -20.1324
Hunter-Lab	96.2176, -20.0250, 10.5060

# Details

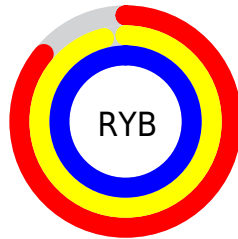
The XYZ color **79.9688, 92.5782, 92.2518** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.1520, 78.1560, 92.4171**, and the grayscale version is **84.3977, 88.7929, 96.6955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6406, 51.5354, 50.2950** is the 20% darker color. If you saturate the color by 10%, you get **70.9098, 88.1352, 81.5664**, and if you desaturate by 10%, it is **90.3677, 97.6930, 103.8537**.

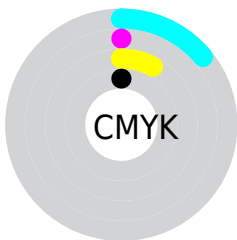
# Distribution



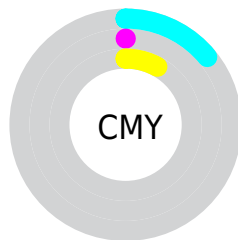
- Red (86%)
- Green (100%)
- Blue (92%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9688, 92.5782, 92.2518 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.9688, 92.5782, 92.2518 by changing the saturation by 10% instead.




 79.9688, 92.5782,  
92.2518

 79.9688, 92.5782,  
92.2518


483.5658,  
536.3824, 556.0870

 60.0011, 70.1210,  
69.2656


132.2726,  
150.9145, 152.4251

 43.6690, 51.6252,  
50.4549


165.3394,  
187.5624, 190.4492

 30.6071, 36.7064,  
35.4013


203.5033,  
229.7092, 234.3230

 20.4502, 24.9802,  
23.6861

247.1295,  
277.7395, 284.4651

 12.8329, 16.0623,  
14.8909

296.5835,  
332.0376, 341.2940

 7.3898, 9.5683,  
8.5971

352.2307,

 3.7555, 5.1137,

392.9878, 405.2283

4.3861

414.4363,  
460.9746, 476.6864

■ 1.5648, 2.3141,  
1.8395

■ 0.3693, 0.7812,  
0.4538

■ 79.9688, 92.5782,  
92.2518

■ 79.9688, 92.5782,  
92.2518

■ 70.9098, 88.1352,  
81.5664

■ 90.3677, 97.6930,  
103.8537

■ 63.1310, 84.3339,  
71.7707

95.0500, 100.0000,  
108.9000

■ 56.5720, 81.1434,  
62.8428

■ 51.1662, 78.5300,  
54.7584

■ 46.8404, 76.4563,  
47.4919

■ 43.5123, 74.8805,  
41.0164

■ 41.0872, 73.7542,  
35.3031

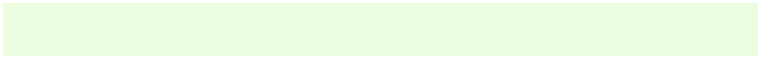
■ 39.4497, 73.0186,  
30.3211

■ 38.7598, 72.7199,  
27.7165

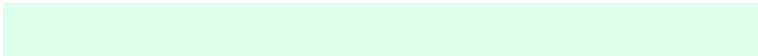
# Harmonies

## Analogous

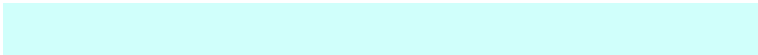
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4776, 92.5782, 82.5475



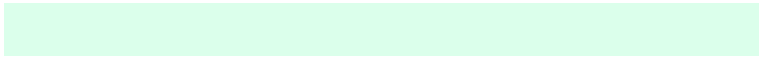
79.9688, 92.5782, 92.2518



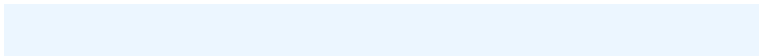
79.5683, 92.5782, 105.0952

# Triad

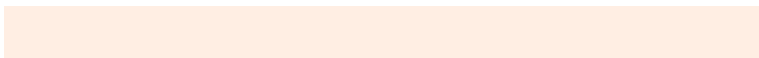
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9688, 92.5782, 92.2518



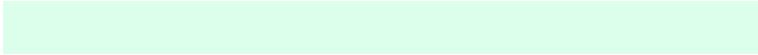
89.4794, 92.5782, 127.8564



94.9724, 92.5782, 85.5107

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.9688, 92.5782, 92.2518



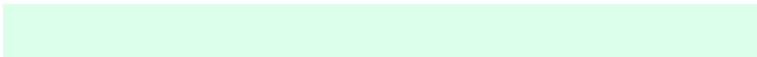
82.1520, 78.1560, 92.4171

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9919, 92.5782, 96.6272



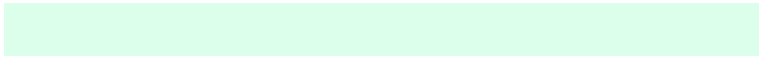
79.9688, 92.5782, 92.2518



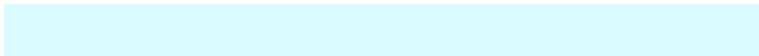
93.7485, 92.5782, 121.5667

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9688, 92.5782, 92.2518



84.9544, 92.5782, 126.4269



96.5364, 92.5782, 109.8647

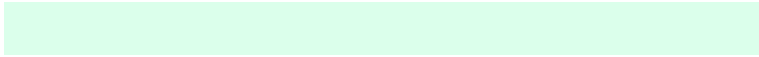


91.1028, 92.5782, 78.8969



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



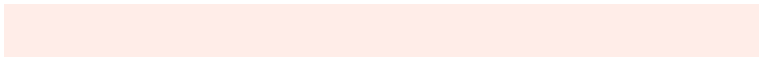
79.9688, 92.5782, 92.2518



80.5361, 92.5782, 113.8352



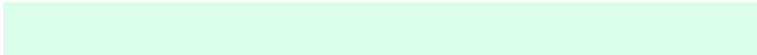
96.5364, 92.5782, 109.8647



95.8961, 92.5782, 88.8035

# Sweetspot

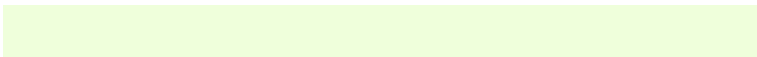
The Sweet Spot groups the original color and five complimentary colors.



79.9696, 92.5786, 92.2533



90.4974, 97.7569, 103.9948



84.2785, 95.0551, 80.9246



19.1923, 20.8364, 22.0653



0.0000, 0.0000, 0.0000

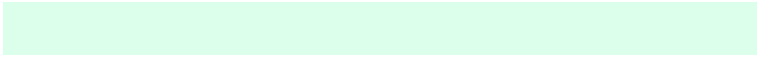


20.3446, 21.4041, 23.3091

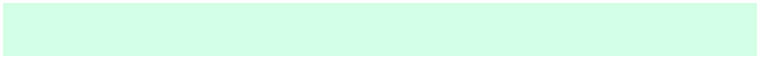


# Same Dimension

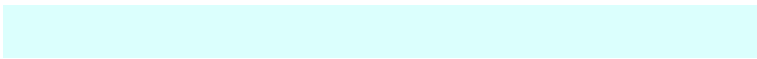
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9696, 92.5786, 92.2533



77.2228, 91.2300, 89.0794



82.6399, 93.6467, 106.3149



18.1070, 20.3023, 20.8667



20.3252, 38.0267, 14.8639



2.0330, 3.7241, 1.7314



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82.1520, 78.1560, 92.4171



79.7975, 74.2127, 89.2719



79.6768, 77.1659, 79.3827



18.4318, 18.1560, 20.8912



24.1631, 12.1545, 14.7753



2.4077, 1.2055, 1.7284



# Previews

## White Background



This preview shows how the XYZ color 79.9688, 92.5782, 92.2518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

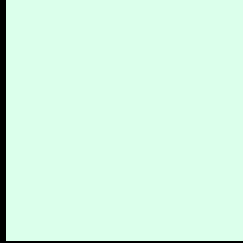
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.9688, 92.5782, 92.2518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

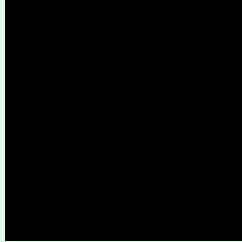
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

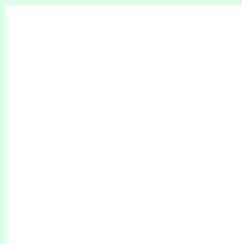
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.9688, 92.5782, 92.2518

## Background



This preview shows how black text looks on a background with the XYZ color 79.9688, 92.5782, 92.2518.



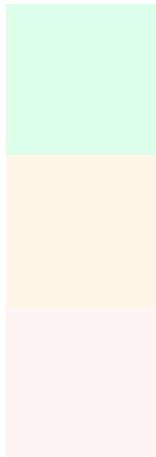
This preview shows how white text looks on a background with the XYZ color 79.9688, 92.5782,

92.2518.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

79.9688, 92.5782, 92.2518

### Protanopia

87.8084, 92.0888, 88.0098

### Deuteranopia

89.9198, 92.4930, 98.7016

## **Tritanopia**

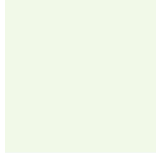
86.9074, 92.0923, 107.8028

# Trichromacy



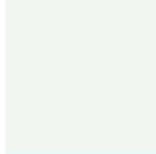
## Original Color

79.9688, 92.5782, 92.2518



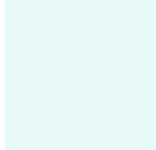
## Protanomaly

84.7168, 92.2783, 89.6904



## Deuteranomaly

86.0625, 92.3629, 96.5109



## Tritanomaly

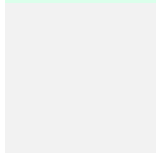
84.4076, 92.3043, 102.1747

# Monochromacy



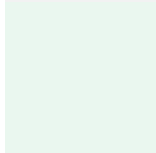
## Original Color

79.9688, 92.5782, 92.2518



## Achromatopsia

84.3971, 88.7923, 96.6948



## Achromatomaly

82.7724, 90.2459, 94.7180

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.9688, 92.5782, 92.2518 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 235) }
```

## Border

The CSS property to change the border of an element to XYZ 79.9688, 92.5782, 92.2518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 255, 235) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 255, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
235) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.9688, 92.5782, 92.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
255, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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