

# Converting Colors

XYZ(79.2400, 88.6620,  
101.2007)

Have a look what the booklet for  
XYZ(79.2400, 88.6620, 101.2007)  
contains.

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# Color

**XYZ(79.2693, 88.7556,  
100.9493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAF8F7
RGB	218, 248, 247
RGB Percent	85%, 97%, 97%
CMY	0.1451, 0.0274, 0.0314
CMYK	0.12, 0.00, 0.00, 0.03
HSL	178°, 68%, 91%
HSV	178°, 12%, 97%
XYZ	79.2693, 88.7556, 100.9493
YIQ	238.9160, -17.5590, -6.6710

# Conversions

## Conversions Part 2

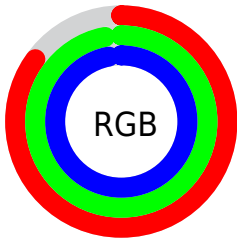
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 233, 248
Decimal	14350583
CIE Lab	95.48, -9.87, -2.82
CIE LCh	95, 10.260, 195.928
Yxy	88.7556, 0.2947, 0.3300
Android (android.graphics.Color)	4292540663 (0xFFDAF8F7)
YUV	238.9160, 3.9854, -18.3433
Hunter-Lab	94.2102, -14.6763, 2.4160

# Details

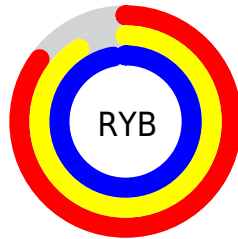
The XYZ color **79.2693, 88.7556, 100.9493** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5721, 75.2161, 77.5041**, and the grayscale version is **81.9606, 86.2289, 93.9033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3579, 49.2474, 56.5107** is the 20% darker color. If you saturate the color by 10%, you get **72.2738, 85.1664, 99.9569**, and if you desaturate by 10%, it is **87.3802, 92.9245, 102.0005**.

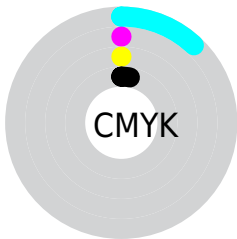
# Distribution



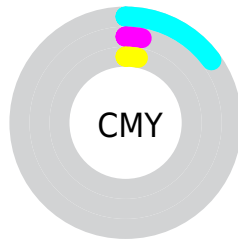
- Red (85%)
- Green (97%)
- Blue (97%)



- Red (85%)
- Yellow (91%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2693, 88.7556, 100.9493 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 79.2693, 88.7556, 100.9493 by changing the saturation by 10% instead.



79.2693, 88.7556,  
100.9493

79.2693, 88.7556,  
100.9493

481.2410,  
523.9745, 584.5046

59.4236, 66.9490,  
76.4723

131.2938,  
145.6087, 164.5244

43.2019, 49.0432,  
56.3109

164.2034,  
181.4239, 204.4595

30.2388, 34.6537,  
40.0466

202.1984,  
222.6775, 250.3844

20.1689, 23.3963,  
27.2608

245.6441,  
269.7539, 302.7176

12.6268, 14.8864,  
17.5350

294.9058,  
323.0373, 361.8777

7.2473, 8.7397,  
10.4507

350.3490,

3.6649, 4.5718,

382.9123, 428.2832

5.5893

412.3389,  
449.7633, 502.3527

■ 1.5144, 1.9983,  
2.5323

■ 0.3356, 0.6065,  
0.8572

■ 79.2693, 88.7556,  
100.9493

■ 79.2693, 88.7556,  
100.9493

■ 72.2738, 85.1664,  
99.9569

■ 87.3802, 92.9245,  
102.0005

■ 66.3368, 82.1205,  
99.0152


■ 91.8550, 95.2165,  
102.8827


■ 61.4081, 79.5943,  
98.1237


■ 91.9845, 95.2683,  
103.5646


■ 57.4305, 77.5583,  
97.2796


■ 92.1146, 95.3203,  
104.2494


 54.3407, 75.9800,  
96.4800


 92.2452, 95.3725,  
104.9372


 52.0681, 74.8228,  
95.7217


 92.3764, 95.4250,  
105.6281


 50.5313, 74.0449,  
95.0007

 92.5082, 95.4777,  
106.3220

 49.6319, 73.5956,  
94.3125

 92.6405, 95.5306,  
107.0189

 49.2541, 73.4121,  
93.7863

 92.7734, 95.5838,  
107.7188

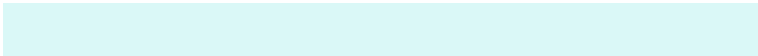
# Harmonies

## Analogous

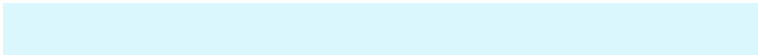
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2258, 88.7556, 92.9257



79.2693, 88.7556, 100.9493



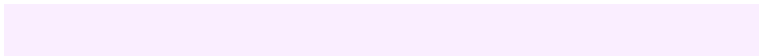
80.6565, 88.7556, 108.1904

# Triad

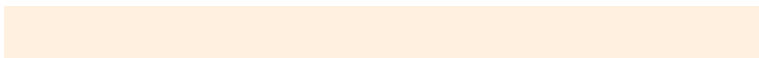
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2693, 88.7556, 100.9493



88.3018, 88.7556, 107.8086



85.6802, 88.7556, 82.3923

# Complementary

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



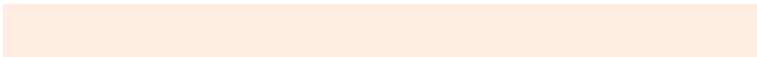
79.2693, 88.7556, 100.9493



76.5721, 75.2161, 77.5041

# 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.



88.1742, 88.7556, 85.9419



79.2693, 88.7556, 100.9493



89.7103, 88.7556, 100.4515

# Square

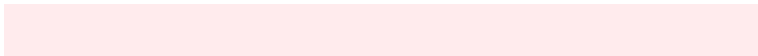
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2693, 88.7556, 100.9493



85.8512, 88.7556, 112.2982



89.6631, 88.7556, 92.4546



82.8853, 88.7556, 82.5090

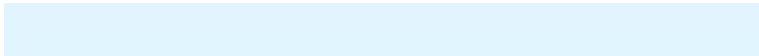


# Rectangle

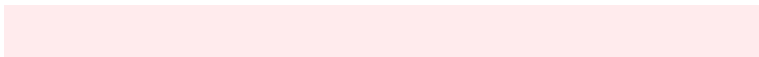
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



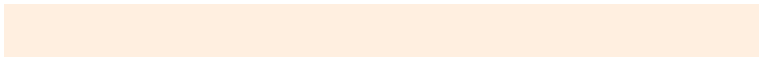
79.2693, 88.7556, 100.9493



82.1746, 88.7556, 111.4694



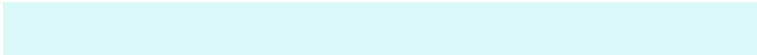
89.6631, 88.7556, 92.4546



86.5828, 88.7556, 83.1874

# Sweetspot

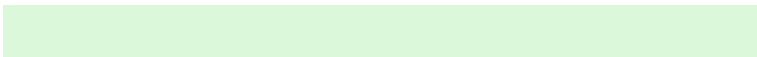
The Sweet Spot groups the original color and five complimentary colors.



79.2718, 88.7593, 100.9513



91.3416, 98.0946, 108.4400



75.5889, 87.3382, 79.2051



19.4063, 20.9220, 23.1923



0.0000, 0.0000, 0.0000

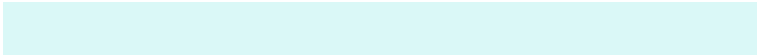


20.3446, 21.4041, 23.3091

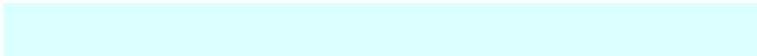


# Same Dimension

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



79.2718, 88.7593, 100.9513



82.1457, 93.3713, 107.2244



75.4246, 80.8163, 100.4350



17.7393, 19.5980, 22.0935



26.6168, 39.6597, 50.7189



2.4728, 3.6762, 4.7378



# Inverse Universe

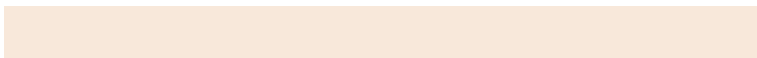
The Inverse Universe completely reimagines the original color for something new.



76.5721, 75.2161, 77.5041



78.6472, 75.8204, 76.8395



80.0855, 82.4536, 78.0252



17.2681, 17.2346, 18.0018



20.9465, 10.7943, 1.1608



1.9480, 1.0029, 0.1497



# Previews

## White Background



This preview shows how the XYZ color 79.2693, 88.7556, 100.9493 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

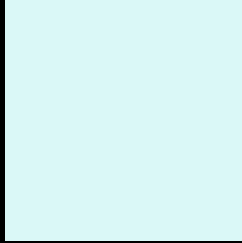
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.2693, 88.7556, 100.9493 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

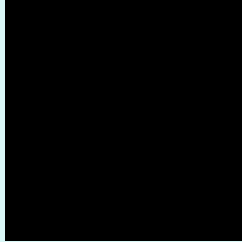
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

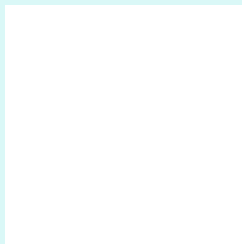
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.2693, 88.7556, 100.9493

## Background



This preview shows how black text looks on a background with the XYZ color 79.2693, 88.7556, 100.9493.



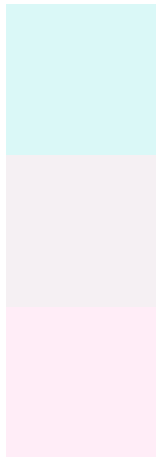
This preview shows how white text looks on a background with the XYZ color 79.2693, 88.7556,

100.9493.

# 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

79.2693, 88.7556, 100.9493

### Protanopia

84.9939, 88.2037, 97.3394

### Deuteranopia

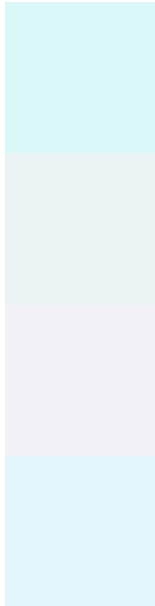
88.3127, 88.5438, 100.4318



## Tritanopia

83.0338, 88.7444, 107.3608

# Trichromacy



## Original Color

79.2693, 88.7556, 100.9493

## Protanomaly

82.6407, 88.2950, 98.2750

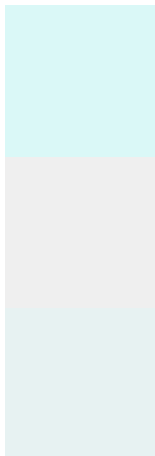
## Deuteranomaly

84.8617, 88.5032, 100.6058

## Tritanomaly

81.5871, 88.5018, 104.8779

# Monochromacy



## Original Color

79.2693, 88.7556, 100.9493

## Achromatopsia

82.0431, 86.3157, 93.9978

## Achromatomaly

80.7341, 86.9040, 96.5234

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.2693, 88.7556, 100.9493 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(218, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 248, 247)  
}
```

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(218, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 248, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 79.2693, 88.7556, 100.9493 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(218, 248, 247) }
```



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

```
.border{ border-color:rgb(218, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 248,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.2693, 88.7556, 100.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 248, 247) }
```

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

```
.background{ background-color: rgb(218,  
248, 247) }
```

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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