

# Converting Colors

XYZ(79.0751, 92.0450, 95.4873)

Have a look what the booklet for  
XYZ(79.0751, 92.0450, 95.4873)  
contains.

<b>XYZ(79.0715, 92.0481, 95.2609)</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(79.0715, 92.0481,  
95.2609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6FFEF
RGB	214, 255, 239
RGB Percent	84%, 100%, 94%
CMY	0.1608, 0.0000, 0.0627
CMYK	0.16, 0.00, 0.06, 0.00
HSL	157°, 100%, 92%
HSV	157°, 16%, 100%
XYZ	79.0715, 92.0481, 95.2609
YIQ	240.9170, -19.3000, -13.6680

# Conversions

## Conversions Part 2

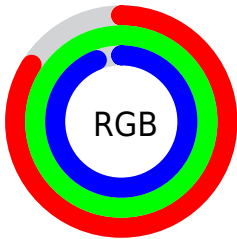
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 239, 255</a>
Decimal	<a href="#">14090223</a>
<a href="#">CIELab</a>	<a href="#">96.84, -16.13, 3.27</a>
<a href="#">CIElCh</a>	<a href="#">97, 16.455, 168.550</a>
<a href="#">Yxy</a>	<a href="#">92.0481, 0.2968, 0.3456</a>
Android (android.graphics.Color)	<a href="#">4292280303</a> (0xFFD6FFEF)
<a href="#">YUV</a>	<a href="#">240.9170, -0.9451, -23.6062</a>
<a href="#">Hunter-Lab</a>	<a href="#">95.9417, -20.7851, 8.2899</a>

# Details

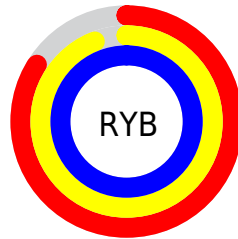
The XYZ color **79.0715, 92.0481, 95.2609** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.5700, 75.0673, 85.1586**, and the grayscale version is **83.5615, 87.9132, 95.7375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0394, 51.1780, 52.4097** is the 20% darker color. If you saturate the color by 10%, you get **70.7729, 87.9352, 87.4094**, and if you desaturate by 10%, it is **88.6178, 96.7948, 103.5962**.

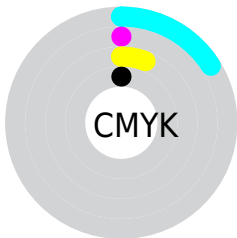
# Distribution



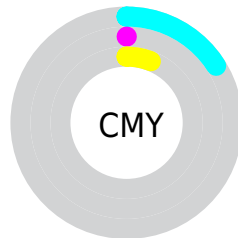
- Red (84%)
- Green (100%)
- Blue (94%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0715, 92.0481, 95.2609 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 79.0715, 92.0481, 95.2609 by changing the saturation by 10% instead.




 79.0715, 92.0481,  
95.2609

 79.0715, 92.0481,  
95.2609


480.5825,  
534.6710, 566.0055

 59.2604, 69.6806,  
71.7541


131.0169,  
150.1801, 156.6237

 43.0700, 51.2662,  
52.4722


163.8820,  
186.7133, 195.3167

 30.1348, 36.4205,  
36.9967

201.8291,  
228.7372, 239.9088

 20.0895, 24.7591,  
24.9092

245.2235,  
276.6362, 290.8187

 12.5688, 15.8977,  
15.7910

294.4308,  
330.7947, 348.4647

 7.2072, 9.4518,  
9.2236

349.8161,

 3.6395, 5.0370,

391.5970, 413.2655

4.7885

411.7449,  
459.4277, 485.6396

■ 1.5003, 2.2690,  
2.0672

■ 0.3260, 0.7572,  
0.5961

■ 79.0715, 92.0481,  
95.2609

■ 79.0715, 92.0481,  
95.2609

■ 70.7729, 87.9352,  
87.4094

■ 88.6178, 96.7948,  
103.5962

■ 63.6641, 84.4265,  
80.0279

95.0500, 100.0000,  
108.9000

■ 57.6862, 81.4918,  
73.1083

■ 52.7744, 79.0977,  
66.6404

■ 48.8565, 77.2073,  
60.6136

■ 45.8515, 75.7789,  
55.0165

■ 43.6645, 74.7638,  
49.8372

■ 42.1778, 74.1016,  
45.0621

■ 41.7180, 73.9032,  
43.2946

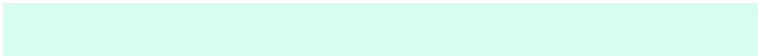
# Harmonies

## Analogous

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



81.0008, 92.0481, 84.3157



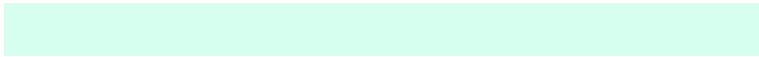
79.0715, 92.0481, 95.2609



79.3379, 92.0481, 108.5347

# Triad

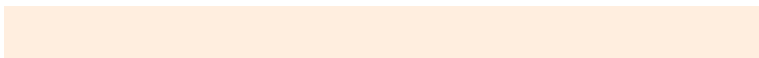
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0715, 92.0481, 95.2609



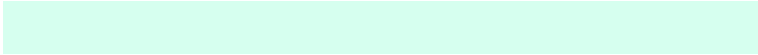
90.3444, 92.0481, 126.3187



93.4995, 92.0481, 82.3466

# Complementary

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



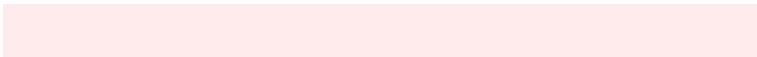
79.0715, 92.0481, 95.2609



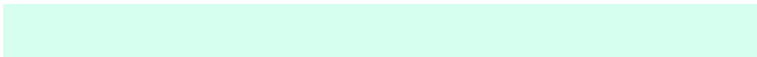
79.5700, 75.0673, 85.1586

# 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.



96.1800, 92.0481, 92.3501



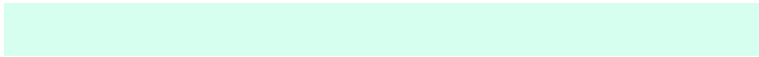
79.0715, 92.0481, 95.2609



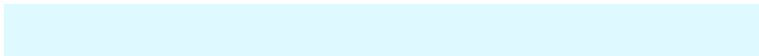
94.3147, 92.0481, 118.0187

# Square

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



79.0715, 92.0481, 95.2609



85.7381, 92.0481, 127.2722



96.4835, 92.0481, 105.3581

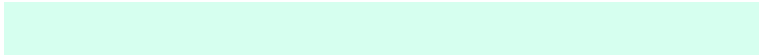


89.2635, 92.0481, 77.3095



# Rectangle

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



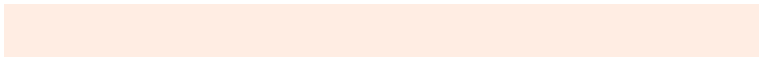
79.0715, 92.0481, 95.2609



80.7267, 92.0481, 116.9230



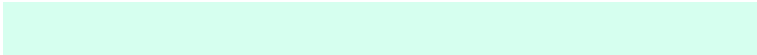
96.4835, 92.0481, 105.3581



94.6187, 92.0481, 85.1972

# Sweetspot

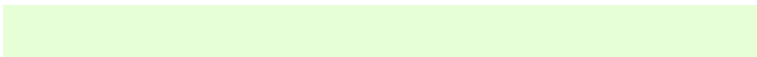
The Sweet Spot groups the original color and five complimentary colors.



79.0724, 92.0485, 95.2624



89.7230, 97.3452, 104.5234



80.6599, 93.2646, 77.3703



19.0498, 20.7589, 22.2428



0.0000, 0.0000, 0.0000

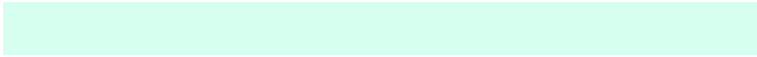


20.3446, 21.4041, 23.3091

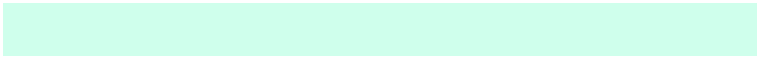


# Same Dimension

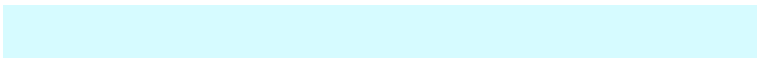
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0724, 92.0485, 95.2624



76.5206, 90.7823, 92.9182



80.2481, 90.4484, 107.8365



18.2370, 20.3543, 21.5509



21.8740, 38.6462, 23.0196



2.1834, 3.7843, 2.5239



# Inverse Universe

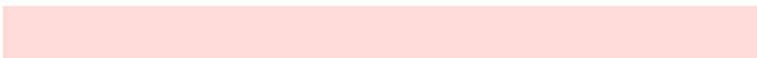
The Inverse Universe completely reimagines the original color for something new.



79.5700, 75.0673, 85.1586



77.0969, 71.1291, 81.2266



78.4756, 76.3107, 74.2129



18.3028, 18.1044, 20.2118



22.8061, 11.6117, 7.6295



2.2723, 1.1513, 1.0152



# Previews

## White Background



This preview shows how the XYZ color 79.0715, 92.0481, 95.2609 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

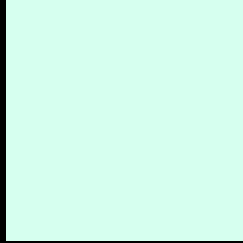
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.0715, 92.0481, 95.2609 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

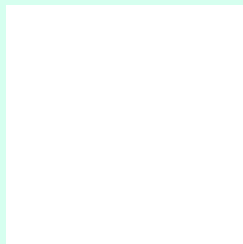
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.0715, 92.0481, 95.2609**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.0715, 92.0481, 95.2609.



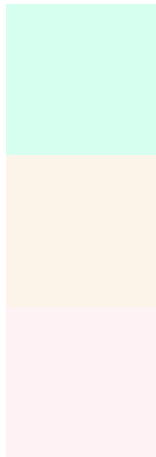
This preview shows how white text looks on a background with the XYZ color 79.0715, 92.0481,

95.2609.

# 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

79.0715, 92.0481, 95.2609

### Protanopia

87.5667, 91.4672, 90.1305

### Deuteranopia

89.3213, 91.2959, 98.5021



## **Tritanopia**

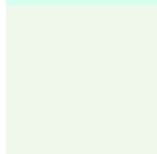
85.9028, 91.5744, 107.7558

# Trichromacy



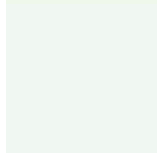
## Original Color

79.0715, 92.0481, 95.2609



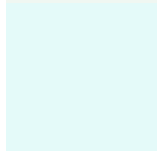
## Protanomaly

84.1594, 91.4837, 91.8197



## Deuteranomaly

85.2230, 91.4576, 97.1658



## Tritanomaly

83.2794, 91.7047, 102.9340

# Monochromacy



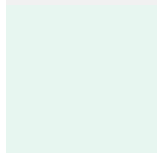
## Original Color

79.0715, 92.0481, 95.2609



## Achromatopsia

83.6081, 87.9622, 95.7909



## Achromatomaly

81.6389, 89.1917, 95.3510

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.0715, 92.0481, 95.2609 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(214, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 239)  
}
```

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(214, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 79.0715, 92.0481, 95.2609 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(214, 255, 239) }
```



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

```
.border{ border-color:rgb(214, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 255, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 255, 239); box-shadow:4px 4px 4px 4px rgb(214, 255, 239) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.0715, 92.0481, 95.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 239) }
```

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

```
.background{ background-color: rgb(214,  
255, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor