

Converting Colors

XYZ(68.6322, 79.8216, 94.2329)

Have a look what the booklet for
XYZ(68.6322, 79.8216, 94.2329)
contains.

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Color

**XYZ(68.6265, 79.8179,
94.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F0F0
RGB	192, 240, 240
RGB Percent	75%, 94%, 94%
CMY	0.2470, 0.0588, 0.0588
CMYK	0.20, 0.00, 0.00, 0.06
HSL	180°, 62%, 85%
HSV	180°, 20%, 94%
XYZ	68.6265, 79.8179, 94.2275
YIQ	225.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

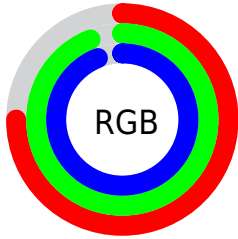
Format	Color
R _Y B	192, 216, 240
Decimal	12644592
CIE Lab	91.60, -15.25, -5.07
CIE LCh	92, 16.066, 198.389
Yxy	79.8179, 0.2828, 0.3289
Android (android.graphics.Color)	4290834672 (0xFFC0F0F0)
YUV	225.6480, 7.0755, -29.5093
Hunter-Lab	89.3409, -19.2331, 0.0056

Details

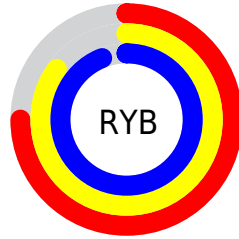
The XYZ color **68.6265, 79.8179, 94.2275** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.3021, 60.0326, 58.0708**, and the grayscale version is **72.0018, 75.7515, 82.4934**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **36.1087, 43.0600, 51.7557** is the 20% darker color. If you saturate the color by 10%, you get **63.0386, 76.9393, 93.9665**, and if you desaturate by 10%, it is **75.2100, 83.2139, 94.5385**.

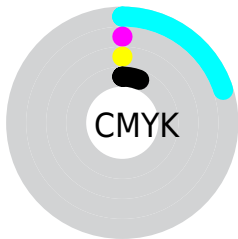
Distribution



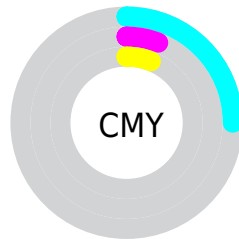
- Red (75%)
- Green (94%)
- Blue (94%)



- Red (75%)
- Yellow (85%)
- Blue (94%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (25%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6265, 79.8179, 94.2275 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 68.6265, 79.8179, 94.2275 by changing the saturation by 10% instead.

68.6265, 79.8179,
94.2275

68.6265, 79.8179,
94.2275

445.0546,
494.3189, 562.6100

50.6831, 59.5685,
70.8989

116.2849,
133.1097, 155.1833

36.1765, 43.0709,
51.7783

146.7307,
166.9209, 193.6476

24.7413, 29.9408,
36.4474

182.0747,
206.0214, 237.9941

16.0121, 19.7936,
24.4875

222.6822,
250.7958, 288.6415

9.6236, 12.2451,
15.4801

268.9185,
301.6283, 346.0082

5.2105, 6.9109,
9.0067

321.1492,

2.4073, 3.4064,

358.9034, 410.5128

4.6487

379.7394,
423.0055, 482.5739

■ 0.8487, 1.3474,
1.9875

■ 0.0000, 0.1775,
0.5476

■ 68.6265, 79.8179,
94.2275

■ 68.6265, 79.8179,
94.2275

■ 63.0386, 76.9393,
93.9665

■ 75.2100, 83.2139,
94.5385

■ 58.3914, 74.5436,
93.7478


■ 82.8268, 87.1404,
94.8961


■ 54.6351, 72.6072,
93.5708


■ 88.1306, 89.8746,
95.1455


■ 51.7130, 71.1008,
93.4329


■ 88.1308, 89.8747,
95.1467


 49.5613, 69.9916,
93.3310


 88.1311, 89.8748,
95.1480

 48.1075, 69.2422,
93.2618

 88.1313, 89.8749,
95.1492

 47.2650, 68.8079,
93.2212

 88.1315, 89.8750,
95.1504

 46.8881, 68.6136,
93.2023

 88.1317, 89.8751,
95.1516

 88.1320, 89.8752,
95.1528

Harmonies

Analogous

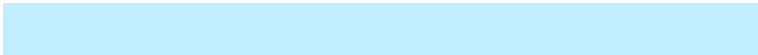
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4011, 79.8179, 82.4427



68.6265, 79.8179, 94.2275



70.7487, 79.8179, 104.9063

Triad

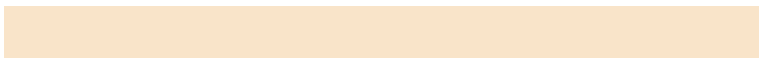
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.6265, 79.8179, 94.2275



81.9131, 79.8179, 102.7806



77.4623, 79.8179, 66.6145

Complementary

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



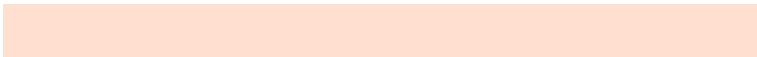
68.6265, 79.8179, 94.2275



64.3021, 60.0326, 58.0708

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.



81.2212, 79.8179, 71.0960



68.6265, 79.8179, 94.2275



83.8520, 79.8179, 91.5319

Square

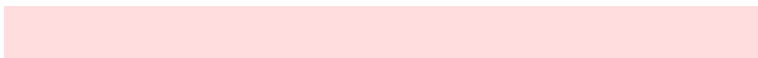
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.6265, 79.8179, 94.2275



78.3789, 79.8179, 110.1428



83.5944, 79.8179, 79.9779



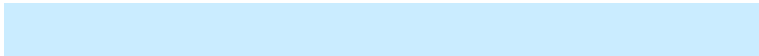
73.4045, 79.8179, 67.1949

Rectangle

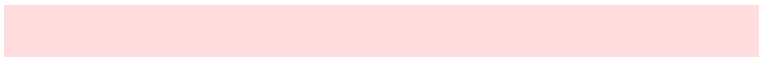
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



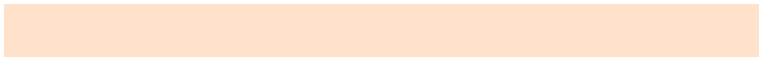
68.6265, 79.8179, 94.2275



72.9978, 79.8179, 109.6352



83.5944, 79.8179, 79.9779



78.8053, 79.8179, 67.5612

Sweetspot

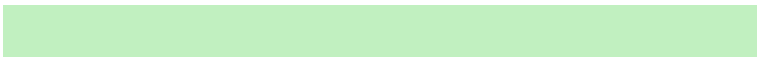
The Sweet Spot groups the original color and five complimentary colors.



68.6288, 79.8212, 94.2293



89.6433, 97.2127, 108.6461



62.6183, 77.4404, 61.5179



19.0671, 20.7455, 23.2491



0.0000, 0.0000, 0.0000



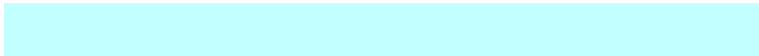
20.3446, 21.4041, 23.3091

Same Dimension

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



68.6288, 79.8212, 94.2293



76.0062, 90.1826, 108.0055



62.2301, 67.0230, 92.0986



16.2474, 17.9290, 20.3257



25.6661, 37.5585, 51.0182



2.1352, 3.1245, 4.2443

Inverse Universe

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



64.3021, 60.0326, 58.0708



70.2029, 63.6408, 59.5074



69.8039, 71.0367, 59.9031



15.7729, 15.7589, 16.3604



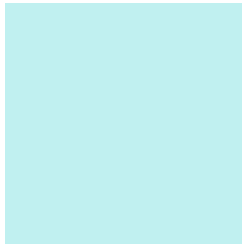
19.6715, 10.1410, 0.9209



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 68.6265, 79.8179, 94.2275 looks on a white background.

Color Contrast Check

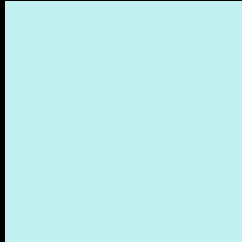
Large Text (above 18pt) WCAG AA × Fail

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 68.6265, 79.8179, 94.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

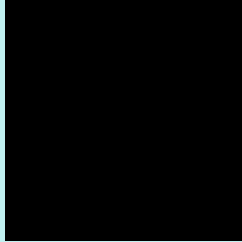
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6265, 79.8179, 94.2275

Background



This preview shows how black text looks on a background with the XYZ color 68.6265, 79.8179, 94.2275.



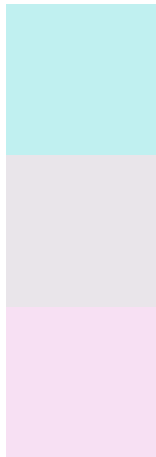
This preview shows how white text looks on a background with the XYZ color 68.6265, 79.8179,

94.2275.

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

68.6265, 79.8179, 94.2275

Protanopia

76.4749, 79.3028, 89.1182

Deuteranopia

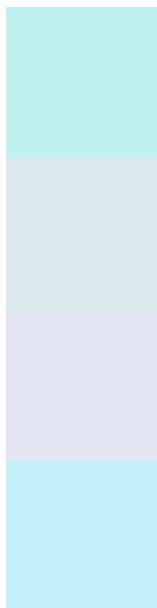
81.1911, 79.5565, 95.8707



Tritanopia

71.6229, 79.7941, 106.2346

Trichromacy



Original Color

68.6265, 79.8179, 94.2275

Protanomaly

73.1927, 79.2394, 90.7939

Deuteranomaly

76.0024, 79.3353, 95.3119

Tritanomaly

70.5948, 79.7870, 102.1222

Monochromacy



Original Color

68.6265, 79.8179, 94.2275

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.7313, 77.2175, 86.7778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6265, 79.8179, 94.2275 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(192, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(192, 240, 240)  
}
```

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(192, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 240, 240) }
```

Border

The CSS property to change the border of an element to XYZ 68.6265, 79.8179, 94.2275 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(192, 240, 240) }
```


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

```
.border{ border-color:rgb(192, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(192, 240,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6265, 79.8179, 94.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 240, 240) }
```

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

```
.background{ background-color: rgb(192,  
240, 240) }
```

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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