

Converting Colors

XYZ(67.9493, 66.0065, 95.2432)

Have a look what the booklet for
XYZ(67.9493, 66.0065, 95.2432)
contains.

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Color

**XYZ(68.0679, 65.9508,
95.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCEF5
RGB	220, 206, 245
RGB Percent	86%, 81%, 96%
CMY	0.1372, 0.1921, 0.0392
CMYK	0.10, 0.16, 0.00, 0.04
HSL	262°, 66%, 88%
HSV	262°, 16%, 96%
XYZ	68.0679, 65.9508, 95.5284
YIQ	214.6320, -4.1750, 15.0970

Conversions

Conversions Part 2

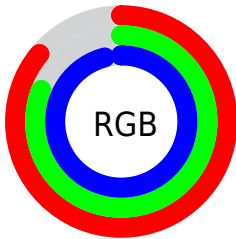
Format	Color
R _Y B	220, 206, 245
Decimal	14470901
CIE Lab	84.97, 12.12, -17.38
CIE LCh	85, 21.185, 304.895
Yxy	65.9508, 0.2965, 0.2873
Android (android.graphics.Color)	4292660981 (0xFFDCCEF5)
YUV	214.6320, 14.9714, 4.7077
Hunter-Lab	81.2101, 7.4957, -12.8965

Details

The XYZ color **68.0679, 65.9508, 95.5284** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.7503, 86.7517, 71.0952**, and the grayscale version is **64.2483, 67.5942, 73.6101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9306, 34.1299, 52.8381** is the 20% darker color. If you saturate the color by 10%, you get **58.0913, 52.7253, 93.5025**, and if you desaturate by 10%, it is **79.4144, 81.2507, 97.8846**.

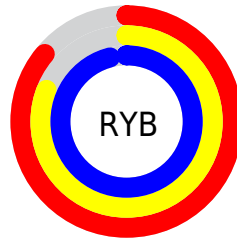
Distribution



Red (86%)

Green (81%)

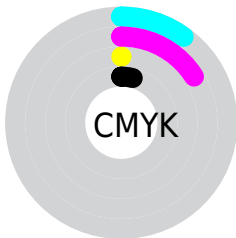
Blue (96%)



Red (86%)

Yellow (81%)

Blue (96%)

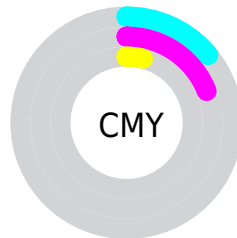


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (14%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0679, 65.9508, 95.5284 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 68.0679, 65.9508, 95.5284 by changing the saturation by 10% instead.

68.0679, 65.9508,
95.5284

68.0679, 65.9508,
95.5284

443.1095,
446.2009, 566.8827

50.2269, 48.2325,
71.9755

115.4906,
113.4157, 156.9963

35.8122, 34.0110,
52.6520

145.8031,
143.9311, 195.7483

24.4586, 22.9021,
37.1392

181.0033,
179.4809, 240.4039

15.8008, 14.5212,
25.0186

221.4568,
220.4496, 291.3814

9.4732, 8.4841,
15.8718

267.5287,
267.2216, 349.0996

5.1107, 4.4062,
9.2801

319.5846,

2.3478, 1.9033,

320.1812, 413.9768

4.8250

377.9898,
379.7128, 486.4317

■ 0.8189, 0.5504,
2.0880

■ 0.0000, 0.0000,
0.6086

■ 68.0679, 65.9508,
95.5284

■ 68.0679, 65.9508,
95.5284

■ 58.0913, 52.7253,
93.5025

■ 79.4144, 81.2507,
97.8846

■ 49.4240, 41.4746,
91.7877

■ 92.1748, 98.6989,
100.5799

■ 42.0093, 32.1033,
90.3696

■ 93.4816, 99.3726,
100.6410

■ 35.7839, 24.5046,
89.2311

■ 30.6784, 18.5607,
88.3529

■ 26.6153, 14.1388,
87.7135

■ 23.5058, 11.0845,
87.2878

■ 21.2425, 9.2082,
87.0450

■ 20.5004, 8.6644,
86.9791

Harmonies

Analogous

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



63.4685, 65.9508, 101.2235



68.0679, 65.9508, 95.5284



71.3438, 65.9508, 83.5160

Triad

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



68.0679, 65.9508, 95.5284



66.6487, 65.9508, 50.5904



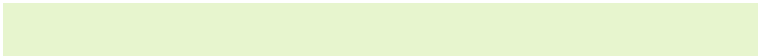
53.9993, 65.9508, 74.0693

Complementary

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



68.0679, 65.9508, 95.5284



76.7503, 86.7517, 71.0952

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.



54.7554, 65.9508, 61.2510



68.0679, 65.9508, 95.5284



61.9065, 65.9508, 48.7286

Square

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



68.0679, 65.9508, 95.5284



70.4958, 65.9508, 57.8321



57.5922, 65.9508, 52.3822



55.4722, 65.9508, 87.8743

Rectangle

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



68.0679, 65.9508, 95.5284



72.2507, 65.9508, 74.1673



57.5922, 65.9508, 52.3822



54.0019, 65.9508, 69.5016

Sweetspot

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



68.0699, 65.9536, 95.5299



88.1732, 90.6158, 107.4511



70.6113, 77.0645, 97.5405



18.6726, 19.1235, 22.9570



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.



68.0699, 65.9536, 95.5299



70.9759, 67.4657, 103.8891



74.2020, 69.1148, 95.8168



16.1425, 16.2161, 20.8218



11.1810, 4.7383, 46.8633



1.0907, 0.4721, 4.1239

Inverse Universe

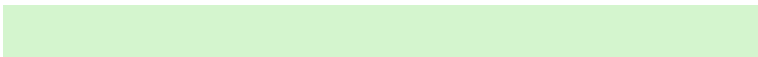
The Inverse Universe completely reimagines the original color for something new.



74.1535, 69.3274, 85.0776



78.8193, 71.8180, 90.2966



70.9034, 83.7375, 70.8216



16.9464, 16.6614, 19.4644



23.6361, 11.7979, 18.5898



2.1264, 1.0565, 1.8918

Previews

White Background



This preview shows how the XYZ color 68.0679, 65.9508, 95.5284 looks on a white background.

Color Contrast Check

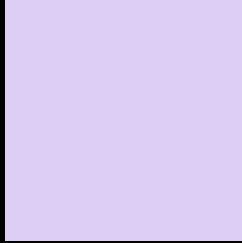
Large Text (above 18pt) WCAG AA × Fail

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 68.0679, 65.9508, 95.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

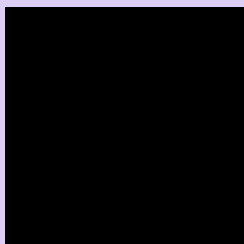
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0679, 65.9508, 95.5284

Background



This preview shows how black text looks on a background with the XYZ color 68.0679, 65.9508, 95.5284.



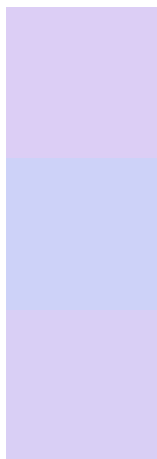
This preview shows how white text looks on a background with the XYZ color 68.0679, 65.9508,

95.5284.

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

68.0679, 65.9508, 95.5284

Protanopia

65.1667, 65.8496, 98.0825

Deuteranopia

67.4095, 65.9699, 95.5668



Tritanopia

65.1432, 65.8436, 81.2272

Trichromacy



Original Color

68.0679, 65.9508, 95.5284

Protanomaly

66.1673, 66.0180, 97.2510

Deuteranomaly

67.7077, 66.1236, 95.5808

Tritanomaly

66.1773, 65.9004, 86.3229

Monochromacy



Original Color

68.0679, 65.9508, 95.5284

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.8862, 67.3297, 81.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0679, 65.9508, 95.5284 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(220, 206, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 206, 245)  
}
```

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(220, 206, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 206, 245) }
```

Border

The CSS property to change the border of an element to XYZ 68.0679, 65.9508, 95.5284 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(220, 206, 245) }
```


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

```
.border{ border-color:rgb(220, 206, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 206, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 206, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 206, 245); box-shadow:4px 4px 4px 4px rgb(220, 206, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0679, 65.9508, 95.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 206, 245) }
```

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

```
.background{ background-color: rgb(220,  
206, 245) }
```

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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