

Converting Colors

XYZ(67.2595, 68.4486, 96.8557)

Have a look what the booklet for
XYZ(67.2595, 68.4486, 96.8557)
contains.

XYZ(67.2595, 68.4486, 96.8557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.2595, 68.4486,
96.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D6F6
RGB	210, 214, 246
RGB Percent	82%, 84%, 96%
CMY	0.1765, 0.1608, 0.0353
CMYK	0.15, 0.13, 0.00, 0.04
HSL	233°, 67%, 89%
HSV	233°, 15%, 96%
XYZ	67.2595, 68.4486, 96.8557
YIQ	216.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

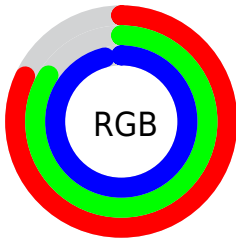
Format	Color
R _{YB}	210, 214, 246
Decimal	13817590
CIE Lab	86.23, 4.91, -16.09
CIE LCh	86, 16.822, 286.987
Yxy	68.4486, 0.2892, 0.2943
Android (android.graphics.Color)	4292007670 (0xFFD2D6F6)
YUV	216.4520, 14.5672, -5.6584
Hunter-Lab	82.7337, 0.3302, -11.4968

Details

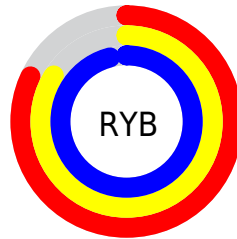
The XYZ color **67.2595, 68.4486, 96.8557** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3915, 87.7501, 73.6221**, and the grayscale version is **65.4901, 68.9007, 75.0328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2100, 35.4825, 53.7082** is the 20% darker color. If you saturate the color by 10%, you get **55.6199, 54.7789, 94.8317**, and if you desaturate by 10%, it is **80.7227, 84.1645, 99.1807**.

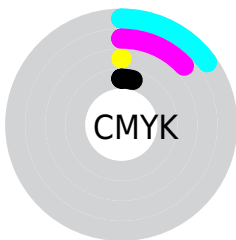
Distribution



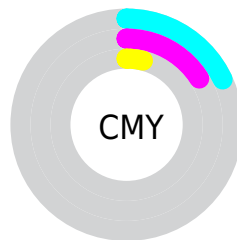
- Red (82%)
- Green (84%)
- Blue (96%)



- Red (82%)
- Yellow (84%)
- Blue (96%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2595, 68.4486, 96.8557 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 67.2595, 68.4486, 96.8557 by changing the saturation by 10% instead.

67.2595, 68.4486,
96.8557

67.2595, 68.4486,
96.8557

440.2859,
455.0838, 571.2243

49.5670, 50.2628,
73.0750

114.3399,
116.9937, 158.8434

35.2859, 35.6222,
53.5451

144.4586,
148.1217, 197.8875

24.0507, 24.1426,
37.8474

179.4500,
184.3326, 242.8566

15.4962, 15.4394,
25.5634

219.6795,
226.0107, 294.1691

9.2569, 9.1284,
16.2745

265.5125,
273.5405, 352.2435

4.9676, 4.8250,
9.5621

317.3143,

2.2628, 2.1450,

327.3064, 417.4985

5.0078

375.4503,
387.6927, 490.3526

■ 0.7755, 0.6897,
2.1930

■ 0.0000, 0.0000,
0.6703

■ 67.2595, 68.4486,
96.8557

■ 67.2595, 68.4486,
96.8557

■ 55.6199, 54.7789,
94.8317

■ 80.7227, 84.1645,
99.1807

■ 45.7191, 43.0629,
93.0922

■ 93.6348, 99.4339,
101.4474

■ 37.4752, 33.2135,
91.6255

■ 30.7969, 25.1338,
90.4180

■ 25.5843, 18.7181,
89.4544

■ 21.7257, 13.8491,
88.7179

■ 19.0928, 10.3942,
88.1898

■ 17.5320, 8.1975,
87.8481

■ 17.0348, 7.4539,
87.7308

Harmonies

Analogous

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



63.3950, 68.4486, 97.3125



67.2595, 68.4486, 96.8557



70.6598, 68.4486, 90.0534

Triad

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



67.2595, 68.4486, 96.8557



70.2745, 68.4486, 59.9897



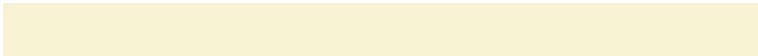
58.0656, 68.4486, 69.8266

Complementary

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



67.2595, 68.4486, 96.8557



81.3915, 87.7501, 73.6221

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.



59.7610, 68.4486, 60.8997



67.2595, 68.4486, 96.8557



66.7505, 68.4486, 55.6117

Square

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



67.2595, 68.4486, 96.8557



72.4474, 68.4486, 68.4669



62.9057, 68.4486, 55.9274



58.1896, 68.4486, 80.9385

Rectangle

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



67.2595, 68.4486, 96.8557



72.1599, 68.4486, 83.1860



62.9057, 68.4486, 55.9274



58.4387, 68.4486, 66.4942

Sweetspot

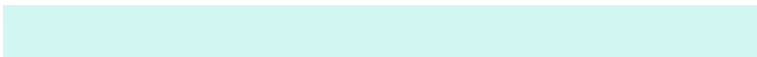
The Sweet Spot groups the original color and five complimentary colors.



67.2616, 68.4514, 96.8572



88.5721, 92.4679, 107.7876



75.5324, 86.0132, 96.4694



18.7053, 19.4976, 23.0275



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.



67.2616, 68.4514, 96.8572



68.4708, 68.9859, 104.3145



70.3611, 68.5640, 96.7156



15.7295, 16.2232, 20.8449



9.1415, 4.0768, 46.8431



0.8511, 0.4537, 4.1329

Inverse Universe

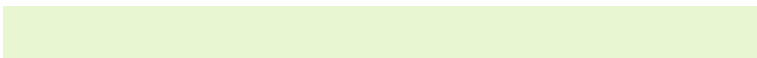
The Inverse Universe completely reimagines the original color for something new.



73.1919, 70.5428, 73.3800



76.2286, 71.7754, 73.5907



77.9336, 87.7552, 73.8053



16.5740, 16.5125, 17.5034



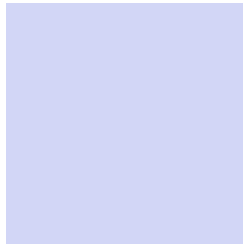
20.4187, 10.5109, 1.6474



1.8187, 0.9334, 0.2716

Previews

White Background



This preview shows how the XYZ color 67.2595, 68.4486, 96.8557 looks on a white background.

Color Contrast Check

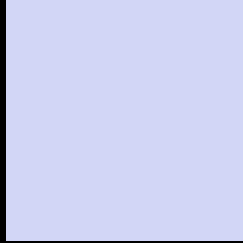
Large Text (above 18pt) WCAG AA × Fail

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 67.2595, 68.4486, 96.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

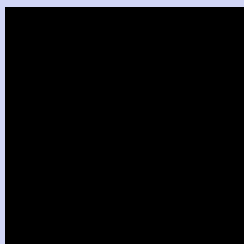
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2595, 68.4486, 96.8557

Background



This preview shows how black text looks on a background with the XYZ color 67.2595, 68.4486, 96.8557.



This preview shows how white text looks on a background with the XYZ color 67.2595, 68.4486,

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

67.2595, 68.4486, 96.8557

Protanopia

67.2595, 68.4486, 96.8557

Deuteranopia

69.9593, 68.3382, 97.4990



Tritanopia

65.2763, 68.4048, 86.8538

Trichromacy



Original Color

67.2595, 68.4486, 96.8557

Protanomaly

67.2595, 68.4486, 96.8557

Deuteranomaly

68.9962, 68.2094, 97.5249

Tritanomaly

66.0276, 68.3292, 90.5978

Monochromacy



Original Color

67.2595, 68.4486, 96.8557

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8971, 68.4431, 82.4107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2595, 68.4486, 96.8557 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(210, 214, 246)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 246)  
}
```

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(210, 214, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 246) }
```

Border

The CSS property to change the border of an element to XYZ 67.2595, 68.4486, 96.8557 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(210, 214, 246) }
```


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

```
.border{ border-color:rgb(210, 214, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 246);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2595, 68.4486, 96.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 246) }
```

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

```
.background{ background-color: rgb(210,  
214, 246) }
```

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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