

Converting Colors

XYZ(65.5101, 66.0505, 95.5225)

Have a look what the booklet for
XYZ(65.5101, 66.0505, 95.5225)
contains.

XYZ(65.5404, 66.0957, 95.6896)	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(65.5404, 66.0957,
95.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D2F5
RGB	208, 210, 245
RGB Percent	82%, 82%, 96%
CMY	0.1843, 0.1765, 0.0392
CMYK	0.15, 0.14, 0.00, 0.04
HSL	237°, 65%, 89%
HSV	237°, 15%, 96%
XYZ	65.5404, 66.0957, 95.6896
YIQ	213.3920, -12.4270, 10.4610

Conversions

Conversions Part 2

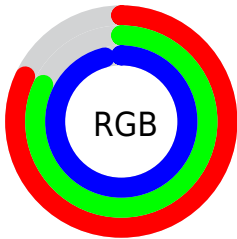
Format	Color
R _Y B	208, 210, 245
Decimal	13685493
CIE Lab	85.05, 6.19, -17.36
CIE LCh	85, 18.428, 289.640
Yxy	66.0957, 0.2883, 0.2908
Android (android.graphics.Color)	4291875573 (0xFFD0D2F5)
YUV	213.3920, 15.5827, -4.7288
Hunter-Lab	81.2993, 1.6263, -12.8751

Details

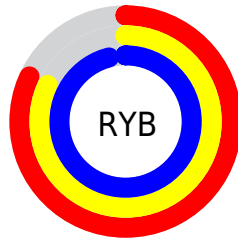
The XYZ color **65.5404, 66.0957, 95.6896** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0922, 88.0671, 72.4004**, and the grayscale version is **63.4148, 66.7173, 72.6551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2106, 34.2234, 52.9468** is the 20% darker color. If you saturate the color by 10%, you get **53.8642, 52.1906, 93.6221**, and if you desaturate by 10%, it is **79.1131, 82.2117, 98.0860**.

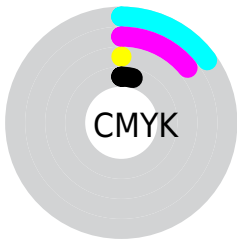
Distribution



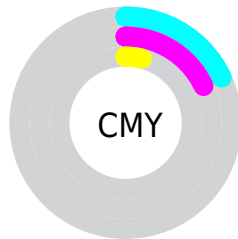
- Red (82%)
- Green (82%)
- Blue (96%)



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



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5404, 66.0957, 95.6896 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 65.5404, 66.0957, 95.6896 by changing the saturation by 10% instead.

■ 65.5404, 66.0957,
95.6896

■ 65.5404, 66.0957,
95.6896

434.2460,
446.7191, 567.4109

■ 48.1657, 48.3501,
72.1090

111.8878,
113.6237, 157.2207

■ 34.1699, 34.1042,
52.7603

141.5913,
144.1748, 196.0084

■ 23.1877, 22.9737,
37.2251

176.1351,
179.7633, 240.7021

■ 14.8536, 14.5741,
25.0847

215.8845,
220.7735, 291.7204

■ 8.8024, 8.5210,
15.9205

261.2049,
267.5897, 349.4819

■ 4.6686, 4.4301,
9.3142

312.4618,

■ 2.0869, 1.9169,

320.5965, 414.4052

4.8471

370.0203,
380.1781, 486.9087

■ 0.6821, 0.5585,
2.1007

■ 0.0000, 0.0000,
0.6162

■ 65.5404, 66.0957,
95.6896

■ 65.5404, 66.0957,
95.6896

■ 53.8642, 52.1906,
93.6221

■ 79.1131, 82.2117,
98.0860

■ 43.9942, 40.3921,
91.8650

■ 93.4816, 99.3727,
100.6411

■ 35.8422, 30.6000,
90.4046

■ 29.3096, 22.7025,
89.2245

■ 24.2884, 16.5770,
88.3068

■ 20.6570, 12.0864,
87.6314

■ 18.2751, 9.0734,
87.1754

■ 16.9727, 7.3497,
86.9113

■ 16.6289, 6.8873,
86.8402

Harmonies

Analogous

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



61.3988, 66.0957, 96.8505



65.5404, 66.0957, 95.6896



69.0961, 66.0957, 87.7924

Triad

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



65.5404, 66.0957, 95.6896



68.1287, 66.0957, 55.9302



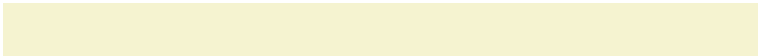
55.2998, 66.0957, 67.9376

Complementary

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



65.5404, 66.0957, 95.6896



81.0922, 88.0671, 72.4004

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.



56.9396, 66.0957, 58.1677



65.5404, 66.0957, 95.6896



64.2670, 66.0957, 51.7585

Square

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



65.5404, 66.0957, 95.6896



70.6354, 66.0957, 64.5610



60.1798, 66.0957, 52.5299



55.6071, 66.0957, 79.9188

Rectangle

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



65.5404, 66.0957, 95.6896



70.5984, 66.0957, 80.2086



60.1798, 66.0957, 52.5299



55.6387, 66.0957, 64.3102

Sweetspot

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



65.5424, 66.0984, 95.6911



86.7865, 90.2069, 107.4453



74.7733, 85.1588, 96.9224



18.3367, 19.0243, 22.9556



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.



65.5424, 66.0984, 95.6911



67.8126, 67.6695, 104.0952



69.7893, 67.5583, 95.7490



15.6531, 16.0705, 20.8195



8.9883, 3.7703, 46.7920



0.8148, 0.3811, 4.1208

Inverse Universe

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



71.8465, 69.1788, 70.5421



75.8963, 71.6425, 71.8413



76.3412, 86.5126, 72.3508



16.5355, 16.4970, 17.3005



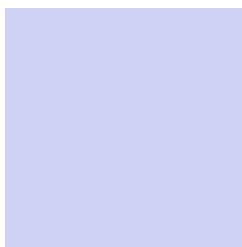
20.3414, 10.4800, 1.2401



1.8003, 0.9261, 0.1750

Previews

White Background



This preview shows how the XYZ color 65.5404, 66.0957, 95.6896 looks on a white background.

Color Contrast Check

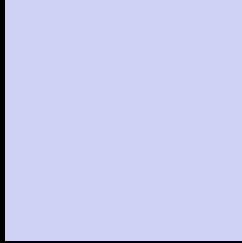
Large Text (above 18pt) WCAG AA × Fail

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 65.5404, 66.0957, 95.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

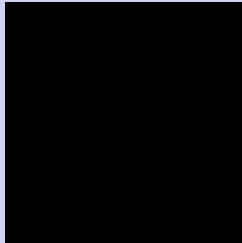
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5404, 66.0957, 95.6896

Background



This preview shows how black text looks on a background with the XYZ color 65.5404, 66.0957, 95.6896.

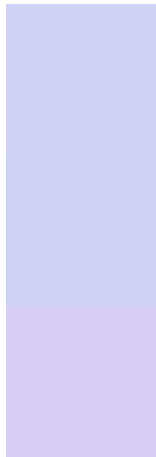


This preview shows how white text looks on a background with the XYZ color 65.5404, 66.0957,

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

65.5404, 66.0957, 95.6896

Protanopia

65.2293, 66.3029, 95.7460

Deuteranopia

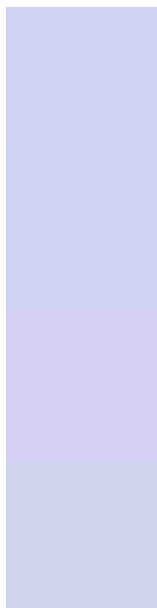
67.5626, 66.0312, 96.3731



Tritanopia

63.1139, 66.2248, 83.5849

Trichromacy



Original Color

65.5404, 66.0957, 95.6896

Protanomaly

65.5078, 66.4465, 95.7590

Deuteranomaly

66.9220, 66.0617, 96.4128

Tritanomaly

63.9925, 66.2069, 88.0037

Monochromacy



Original Color

65.5404, 66.0957, 95.6896

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9981, 66.3721, 80.6722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5404, 66.0957, 95.6896 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(208, 210, 245)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 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(208, 210, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 245) }
```

Border

The CSS property to change the border of an element to XYZ 65.5404, 66.0957, 95.6896 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(208, 210, 245) }
```


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

```
.border{ border-color:rgb(208, 210, 245) }
```

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

Here you see how a box with a 4 pixel rgb(208, 210, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 245);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5404, 66.0957, 95.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 245) }
```

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

```
.background{ background-color: rgb(208,  
210, 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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