

Converting Colors

XYZ(67.5686, 65.6840,
101.7465)

Have a look what the booklet for
XYZ(67.5686, 65.6840, 101.7465)
contains.

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Color

**XYZ(67.5325, 65.5306,
102.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CEFD
RGB	214, 206, 253
RGB Percent	84%, 81%, 99%
CMY	0.1608, 0.1921, 0.0078
CMYK	0.15, 0.19, 0.00, 0.01
HSL	250°, 92%, 90%
HSV	250°, 19%, 99%
XYZ	67.5325, 65.5306, 102.0178
YIQ	213.7500, -10.3190, 16.3130

Conversions

Conversions Part 2

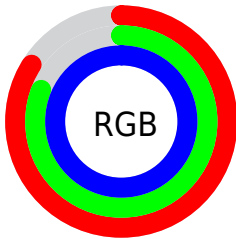
Format	Color
R _Y B	214, 206, 253
Decimal	14077693
CIE Lab	84.76, 11.87, -21.99
CIE LCh	85, 24.986, 298.362
Yxy	65.5306, 0.2873, 0.2788
Android (android.graphics.Color)	4292267773 (0xFFD6CEFD)
YUV	213.7500, 19.3502, 0.2193
Hunter-Lab	80.9510, 7.2476, -18.0541

Details

The XYZ color **67.5325, 65.5306, 102.0178** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9242, 94.1209, 72.1394**, and the grayscale version is **63.6293, 66.9430, 72.9009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4901, 33.8129, 56.8806** is the 20% darker color. If you saturate the color by 10%, you get **56.1880, 51.3581, 99.8812**, and if you desaturate by 10%, it is **80.6511, 82.0762, 104.5210**.

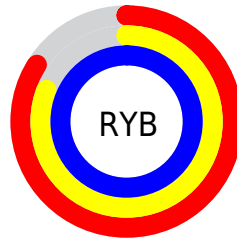
Distribution



Red (84%)

Green (81%)

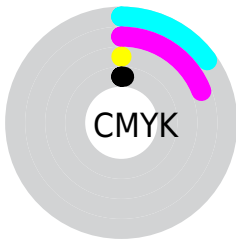
Blue (99%)



Red (84%)

Yellow (81%)

Blue (99%)

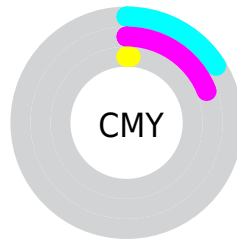


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (16%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5325, 65.5306, 102.0178 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 67.5325, 65.5306, 102.0178 by changing the saturation by 10% instead.

67.5325, 65.5306,
102.0178

67.5325, 65.5306,
102.0178

441.2406,
444.6963, 587.9446

49.7898, 47.8915,
77.3605

114.7287,
112.8124, 166.0033

35.4635, 33.7409,
57.0355

144.9129,
143.2238, 206.1687

24.1883, 22.6946,
40.6242

179.9749,
178.6614, 252.3404

15.5989, 14.3682,
27.7081

220.2802,
219.5096, 304.9372

9.3298, 8.3772,
17.8686

266.1940,
266.1528, 364.3774

5.0157, 4.3372,
10.6872

318.0818,

2.2914, 1.8639,

318.9753, 431.0797

5.7454

376.3089,
378.3617, 505.4626

■ 0.7902, 0.5266,
2.6246

■ 0.0000, 0.0000,
0.9051

■ 67.5325, 65.5306,
102.0178

■ 67.5325, 65.5306,
102.0178

■ 56.1880, 51.3581,
99.8812

■ 80.6511, 82.0762,
104.5210

■ 46.5348, 39.4416,
98.0899

94.7298, 99.8719,
107.2139

■ 38.4923, 29.6661,
96.6269

■ 31.9711, 21.9030,
95.4722

■ 26.8726, 16.0100,
94.6034

■ 23.0863, 11.8257,
93.9953

■ 20.4844, 9.1607,
93.6181

■ 18.8977, 7.7521,
93.4298

■ 18.7284, 7.6067,
93.4107

Harmonies

Analogous

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



61.9780, 65.5306, 106.7639



67.5325, 65.5306, 102.0178



71.8931, 65.5306, 88.7508

Triad

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



67.5325, 65.5306, 102.0178



68.0959, 65.5306, 48.2183



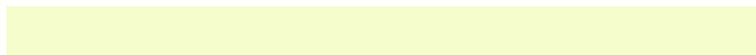
52.1451, 65.5306, 70.4751

Complementary

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



67.5325, 65.5306, 102.0178



83.9242, 94.1209, 72.1394

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.



53.5733, 65.5306, 56.3895



67.5325, 65.5306, 102.0178



62.5927, 65.5306, 44.7889

Square

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



67.5325, 65.5306, 102.0178



72.2318, 65.5306, 57.7028



57.3164, 65.5306, 47.5436



53.2958, 65.5306, 86.9992

Rectangle

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



67.5325, 65.5306, 102.0178



73.4186, 65.5306, 77.7446



57.3164, 65.5306, 47.5436



52.3378, 65.5306, 65.3192

Sweetspot

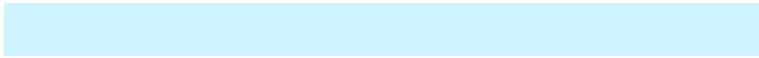
The Sweet Spot groups the original color and five complimentary colors.



67.5345, 65.5333, 102.0193



85.8441, 88.2947, 107.1259



75.8881, 85.6212, 105.4563



18.1686, 18.6379, 22.8898



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.



67.5345, 65.5333, 102.0193



64.5887, 61.4956, 103.0734



74.8395, 69.2992, 102.3611



17.2911, 17.5263, 22.7215



10.0443, 4.0885, 49.6944



1.0543, 0.4374, 4.8421

Inverse Universe

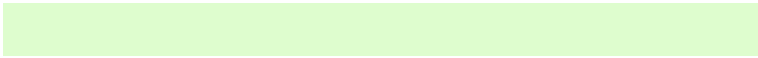
The Inverse Universe completely reimagines the original color for something new.



79.0628, 71.6205, 96.0460



78.1911, 68.6811, 95.8848



76.2901, 90.1854, 71.7821



18.6521, 18.2442, 22.0512



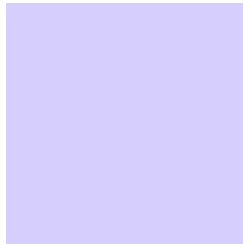
27.7811, 13.6017, 33.8271



2.7385, 1.3378, 3.4701

Previews

White Background



This preview shows how the XYZ color 67.5325, 65.5306, 102.0178 looks on a white background.

Color Contrast Check

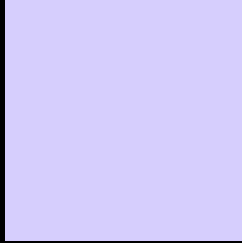
Large Text (above 18pt) WCAG AA × Fail

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 67.5325, 65.5306, 102.0178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

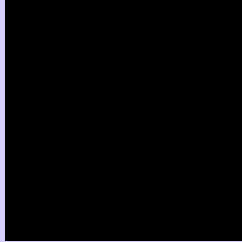
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5325, 65.5306, 102.0178

Background



This preview shows how black text looks on a background with the XYZ color 67.5325, 65.5306, 102.0178.



This preview shows how white text looks on a background with the XYZ color 67.5325, 65.5306,

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

67.5325, 65.5306, 102.0178

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.1938, 65.7145, 102.0712



Tritanopia

63.7377, 65.8362, 82.0214

Trichromacy



Original Color

67.5325, 65.5306, 102.0178

Protanomaly

66.1435, 65.8785, 102.9956

Deuteranomaly

67.4830, 65.8636, 102.0847

Tritanomaly

64.8048, 65.5059, 88.5852

Monochromacy



Original Color

67.5325, 65.5306, 102.0178

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.0294, 66.4861, 82.8045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5325, 65.5306, 102.0178 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, 206, 253)` looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 253)  
}
```

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, 206, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 253) }
```

Border

The CSS property to change the border of an element to XYZ 67.5325, 65.5306, 102.0178 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, 206, 253) }
```


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

```
.border{ border-color:rgb(214, 206, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 253);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5325, 65.5306, 102.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 253) }
```

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

```
.background{ background-color: rgb(214,  
206, 253) }
```

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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