

Converting Colors

XYZ(65.9492, 65.1138, 96.3921)

Have a look what the booklet for
XYZ(65.9492, 65.1138, 96.3921)
contains.

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Color

**XYZ(66.0988, 65.2765,
96.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFF6
RGB	212, 207, 246
RGB Percent	83%, 81%, 96%
CMY	0.1686, 0.1882, 0.0353
CMYK	0.14, 0.16, 0.00, 0.04
HSL	248°, 68%, 89%
HSV	248°, 16%, 96%
XYZ	66.0988, 65.2765, 96.3046
YIQ	212.9410, -9.5390, 13.1890

Conversions

Conversions Part 2

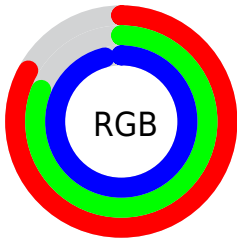
Format	Color
R _Y B	212, 207, 246
Decimal	13946870
CIE Lab	84.63, 9.25, -18.49
CIE LCh	85, 20.674, 296.583
Yxy	65.2765, 0.2903, 0.2867
Android (android.graphics.Color)	4292136950 (0xFFD4CFF6)
YUV	212.9410, 16.2981, -0.8253
Hunter-Lab	80.7939, 4.6445, -14.1167

Details

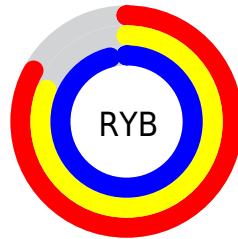
The XYZ color **66.0988, 65.2765, 96.3046** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.4960, 89.1189, 71.9935**, and the grayscale version is **63.1072, 66.3937, 72.3027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5901, 33.6683, 53.3907** is the 20% darker color. If you saturate the color by 10%, you get **54.8198, 51.2945, 94.2013**, and if you desaturate by 10%, it is **79.1316, 81.5443, 98.7587**.

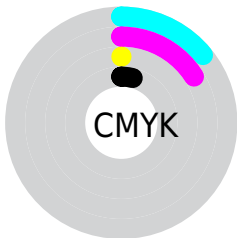
Distribution



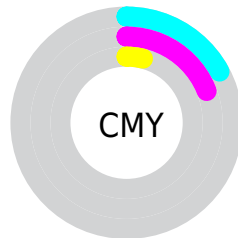
- Red (83%)
- Green (81%)
- Blue (96%)



- Red (83%)
- Yellow (81%)
- Blue (96%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0988, 65.2765, 96.3046 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 66.0988, 65.2765, 96.3046 by changing the saturation by 10% instead.

■ 66.0988, 65.2765,
96.3046

■ 66.0988, 65.2765,
96.3046

436.2132,
443.7849, 569.4238

■ 48.6206, 47.6853,
72.6184

112.6851,
112.4473, 158.0768

■ 34.5319, 33.5778,
53.1741

142.5239,
142.7957, 196.9998

■ 23.4673, 22.5694,
37.5531

177.2136,
178.1653, 241.8389

■ 15.0616, 14.2759,
25.3369

217.1195,
218.9404, 293.0126

■ 8.9492, 8.3128,
16.1069

262.6071,
265.5056, 350.9394

■ 4.7649, 4.2957,
9.4447

314.0417,

■ 2.1433, 1.8403,

318.2451, 416.0378

4.9316

371.7886,
377.5434, 488.7264

■ 0.7126, 0.5121,
2.1491

■ 0.0000, 0.0000,
0.6448

■ 66.0988, 65.2765,
96.3046

■ 66.0988, 65.2765,
96.3046

■ 54.8198, 51.2945,
94.2013

■ 79.1316, 81.5443,
98.7587

■ 45.2136, 39.4879,
92.4287

■ 93.5969, 99.4144,
101.4456

■ 37.2017, 29.7492,
90.9712

■ 93.6347, 99.4339,
101.4474

■ 30.6969, 21.9588,
89.8104

■ 25.6036, 15.9843,
88.9256

■ 21.8150, 11.6770,
88.2939

■ 19.2086, 8.8644,
87.8884

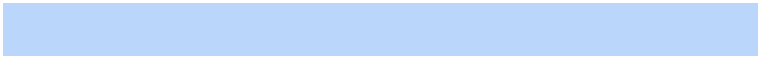
■ 17.6371, 7.3351,
87.6760

■ 17.2159, 6.9535,
87.6246

Harmonies

Analogous

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



61.5161, 65.2765, 99.5747



66.0988, 65.2765, 96.3046



69.7471, 65.2765, 86.0063

Triad

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



66.0988, 65.2765, 96.3046



67.0586, 65.2765, 51.9065



53.6020, 65.2765, 69.5716

Complementary

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



66.0988, 65.2765, 96.3046



80.4960, 89.1189, 71.9935

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.



54.9288, 65.2765, 57.9803



66.0988, 65.2765, 96.3046



62.5736, 65.2765, 48.6092

Square

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



66.0988, 65.2765, 96.3046



70.3203, 65.2765, 60.3003



58.1573, 65.2765, 50.6882



54.4428, 65.2765, 83.0623

Rectangle

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



66.0988, 65.2765, 96.3046



71.0794, 65.2765, 77.1350



58.1573, 65.2765, 50.6882



53.8076, 65.2765, 65.3411

Sweetspot

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



66.1008, 65.2792, 96.3061



87.1446, 90.0856, 107.4030



73.9573, 83.0983, 99.3314



18.4233, 18.9950, 22.9453



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.



66.1008, 65.2792, 96.3061



67.6248, 65.7381, 103.7323



71.9207, 68.2795, 96.5784



15.7785, 16.0285, 20.8048



9.2522, 3.7440, 46.7730



0.8745, 0.3607, 4.1138

Inverse Universe

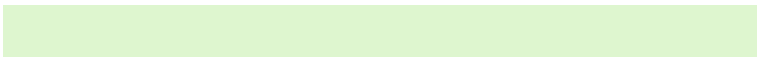
The Inverse Universe completely reimagines the original color for something new.



76.1981, 70.5720, 92.8274



80.5102, 72.4944, 99.2008



74.3291, 85.9398, 71.7049



17.1169, 16.7296, 20.3619



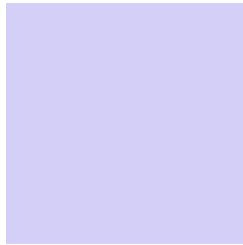
26.8338, 13.0770, 35.4287



2.3834, 1.1593, 3.2455

Previews

White Background



This preview shows how the XYZ color 66.0988, 65.2765, 96.3046 looks on a white background.

Color Contrast Check

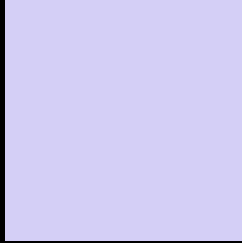
Large Text (above 18pt) WCAG AA × Fail

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 66.0988, 65.2765, 96.3046 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 66.0988, 65.2765, 96.3046

Background



This preview shows how black text looks on a background with the XYZ color 66.0988, 65.2765, 96.3046.



This preview shows how white text looks on a background with the XYZ color 66.0988, 65.2765,

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

66.0988, 65.2765, 96.3046

Protanopia

64.6456, 65.2156, 97.9876

Deuteranopia

66.7302, 65.2435, 96.2650



Tritanopia

63.2062, 65.1945, 81.9255

Trichromacy



Original Color

66.0988, 65.2765, 96.3046

Protanomaly

65.0765, 65.0925, 97.1299

Deuteranomaly

66.4374, 65.0926, 96.2513

Tritanomaly

64.2301, 65.2431, 87.0498

Monochromacy



Original Color

66.0988, 65.2765, 96.3046

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3254, 66.1709, 80.6161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0988, 65.2765, 96.3046 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(212, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 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(212, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 246) }
```

Border

The CSS property to change the border of an element to XYZ 66.0988, 65.2765, 96.3046 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(212, 207, 246) }
```


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

```
.border{ border-color:rgb(212, 207, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 246);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0988, 65.2765, 96.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 246) }
```

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

```
.background{ background-color: rgb(212,  
207, 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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