

Converting Colors

XYZ(66.4903, 64.2461,
103.5041)

Have a look what the booklet for
XYZ(66.4903, 64.2461, 103.5041)
contains.

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Color

**XYZ(66.5068, 64.2546,
103.5048)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CCFF
RGB	211, 204, 255
RGB Percent	83%, 80%, 100%
CMY	0.1725, 0.2000, 0.0000
CMYK	0.17, 0.20, 0.00, 0.00
HSL	248°, 100%, 90%
HSV	248°, 20%, 100%
XYZ	66.5068, 64.2546, 103.5048
YIQ	211.9070, -12.1990, 17.3450

Conversions

Conversions Part 2

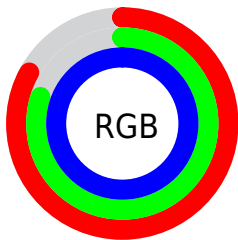
Format	Color
R _Y B	211, 204, 255
Decimal	13880575
CIE Lab	84.10, 12.44, -24.07
CIE LCh	84, 27.091, 297.326
Yxy	64.2546, 0.2839, 0.2743
Android (android.graphics.Color)	4292070655 (0xFFD3CCFF)
YUV	211.9070, 21.2448, -0.7954
Hunter-Lab	80.1590, 7.8208, -20.4466

Details

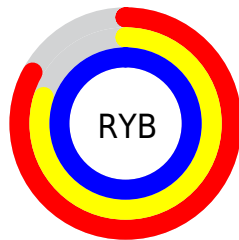
The XYZ color **66.5068, 64.2546, 103.5048** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.3718, 95.8367, 71.1284**, and the grayscale version is **62.3883, 65.6373, 71.4791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8097, 32.9578, 57.9529** is the 20% darker color. If you saturate the color by 10%, you get **55.0577, 50.0810, 101.3725**, and if you desaturate by 10%, it is **79.8145, 80.8625, 106.0091**.

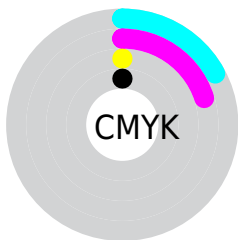
Distribution



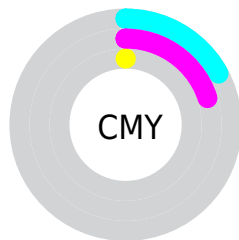
- Red (83%)
- Green (80%)
- Blue (100%)



- Red (83%)
- Yellow (80%)
- Blue (100%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5068, 64.2546, 103.5048 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 66.5068, 64.2546, 103.5048 by changing the saturation by 10% instead.

66.5068, 64.2546,
103.5048

66.5068, 64.2546,
103.5048

437.6473,
440.1085, 592.7143

48.9531, 46.8569,
78.5976

113.2671,
110.9775, 168.0590

34.7967, 32.9226,
58.0457

143.2045,
141.0715, 208.5432

23.6721, 22.0671,
41.4304

178.0005,
176.1665, 255.0567

15.2140, 13.9062,
28.3333

218.0205,
216.6467, 308.0182

9.0570, 8.0555,
18.3359

263.6298,
262.8966, 367.8461

4.8358, 4.1305,
11.0195

315.1938,

2.1850, 1.7468,

315.3006, 434.9591

5.9656

373.0779,
374.2431, 509.7756

■ 0.7348, 0.4537,
2.7557

■ 0.0000, 0.0000,
0.9713

■ 66.5068, 64.2546,
103.5048

■ 66.5068, 64.2546,
103.5048

■ 55.0577, 50.0810,
101.3725

■ 79.8145, 80.8625,
106.0091

■ 45.3785, 38.2196,
99.5931

95.0500, 100.0000,
108.9000

■ 37.3818, 28.5492,
98.1480

■ 30.9701, 20.9346,
97.0162

■ 26.0360, 15.2253,
96.1743

■ 22.4583, 11.2502,
95.5956

■ 20.0957, 8.8068,
95.2485

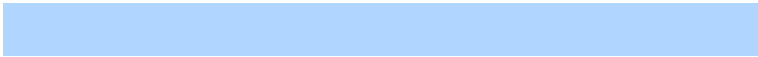
■ 18.7431, 7.5774,
95.0824

■ 18.7429, 7.5772,
95.0824

Harmonies

Analogous

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



60.5369, 64.2546, 108.3041



66.5068, 64.2546, 103.5048



71.2767, 64.2546, 89.2991

Triad

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



66.5068, 64.2546, 103.5048



67.4956, 64.2546, 45.7320



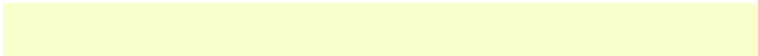
50.2861, 64.2546, 68.4365

Complementary

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



66.5068, 64.2546, 103.5048



85.3718, 95.8367, 71.1284

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.



51.8911, 64.2546, 53.6402



66.5068, 64.2546, 103.5048



61.6104, 64.2546, 41.9419

Square

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



66.5068, 64.2546, 103.5048



71.8733, 64.2546, 55.9015



55.9418, 64.2546, 44.5840



51.4111, 64.2546, 86.2029

Rectangle

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



66.5068, 64.2546, 103.5048



72.9976, 64.2546, 77.4429



55.9418, 64.2546, 44.5840



50.5217, 64.2546, 62.9797

Sweetspot

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



66.5086, 64.2572, 103.5052



85.6710, 88.2055, 107.1178



76.5822, 87.3162, 107.4252



18.1278, 18.6169, 22.8879



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.



66.5086, 64.2572, 103.5052



61.7081, 58.2988, 102.6082



74.3363, 68.2925, 103.8716



17.2348, 17.4972, 22.7189



9.8638, 3.9954, 49.6859



1.0278, 0.4238, 4.8409

Inverse Universe

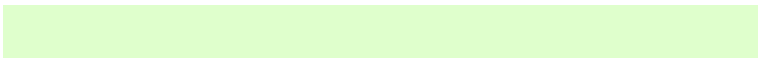
The Inverse Universe completely reimagines the original color for something new.



79.7776, 71.2254, 98.3518



77.2144, 66.4454, 96.4295



76.9996, 91.5207, 70.7366



18.6791, 18.2550, 22.1934



28.3408, 13.8256, 36.7749



2.7878, 1.3575, 3.7298

Previews

White Background



This preview shows how the XYZ color 66.5068, 64.2546, 103.5048 looks on a white background.

Color Contrast Check

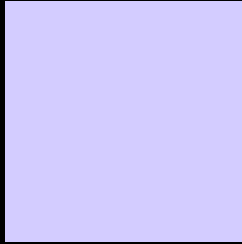
Large Text (above 18pt) WCAG AA × Fail

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 66.5068, 64.2546, 103.5048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

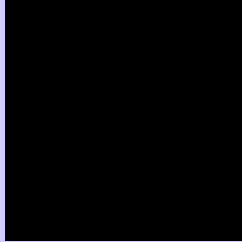
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5068, 64.2546, 103.5048

Background



This preview shows how black text looks on a background with the XYZ color 66.5068, 64.2546, 103.5048.

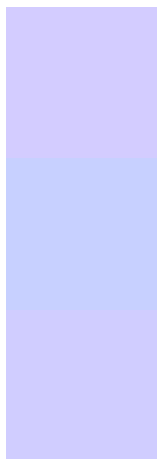


This preview shows how white text looks on a background with the XYZ color 66.5068, 64.2546,

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

66.5068, 64.2546, 103.5048

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

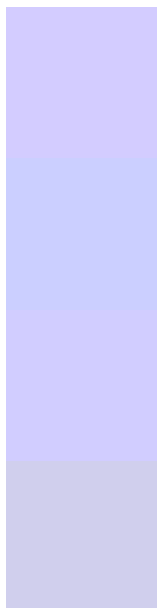
65.8937, 64.2925, 103.5445



Tritanopia

61.9815, 64.2137, 81.0792

Trichromacy



Original Color

66.5068, 64.2546, 103.5048

Protanomaly

64.9914, 64.5422, 103.6402

Deuteranomaly

66.1758, 64.4380, 103.5577

Tritanomaly

63.6113, 64.1500, 89.1503

Monochromacy



Original Color

66.5068, 64.2546, 103.5048

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.9554, 65.1994, 82.6127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5068, 64.2546, 103.5048 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(211, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 204, 255)  
}
```

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(211, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.5068, 64.2546, 103.5048 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(211, 204, 255) }
```


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

```
.border{ border-color:rgb(211, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5068, 64.2546, 103.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 204, 255) }
```

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

```
.background{ background-color: rgb(211,  
204, 255) }
```

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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