

Converting Colors

XYZ(70.0115, 66.1875,
121.1129)

Have a look what the booklet for
XYZ(70.0115, 66.1875, 121.1129)
contains.

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Color

**XYZ(66.4597, 64.5843,
103.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CDFF
RGB	210, 205, 255
RGB Percent	82%, 80%, 100%
CMY	0.1765, 0.1961, 0.0000
CMYK	0.18, 0.20, 0.00, 0.00
HSL	246°, 100%, 90%
HSV	246°, 20%, 100%
XYZ	66.4597, 64.5843, 103.5710
YIQ	212.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

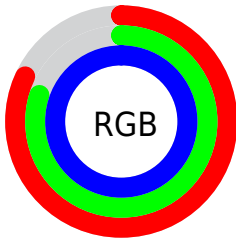
Format	Color
R _{YB}	210, 205, 255
Decimal	13815295
CIE _{Lab}	84.27, 11.59, -23.82
CIE _{LCh}	84, 26.488, 295.960
Y _{xy}	64.5843, 0.2833, 0.2753
Android (android.graphics.Color)	4292005375 (0xFFD2CDF5)
YUV	212.1950, 21.1029, -1.9250
Hunter-Lab	80.3644, 6.9783, -20.1560

Details

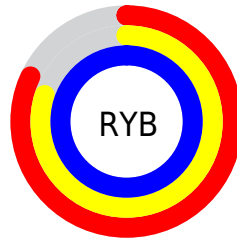
The XYZ color **66.4597, 64.5843, 103.5710** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.2050, 96.2523, 71.7956**, and the grayscale version is **62.5809, 65.8399, 71.6997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7772, 33.1790, 57.9973** is the 20% darker color. If you saturate the color by 10%, you get **54.7776, 50.2342, 101.4168**, and if you desaturate by 10%, it is **80.0765, 81.4107, 106.1011**.

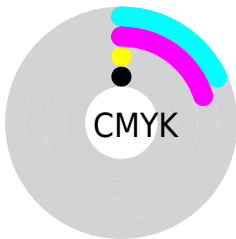
Distribution



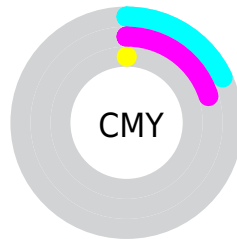
- Red (82%)
- Green (80%)
- Blue (100%)



- Red (82%)
- Yellow (80%)
- Blue (100%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4597, 64.5843, 103.5710 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 66.4597, 64.5843, 103.5710 by changing the saturation by 10% instead.

66.4597, 64.5843,
103.5710

66.4597, 64.5843,
103.5710

437.4819,
441.2966, 592.9261

48.9148, 47.1241,
78.6527

113.2000,
111.4520, 168.1505

34.7661, 33.1338,
58.0907

143.1260,
141.6283, 208.6488

23.6484, 22.2289,
41.4664

177.9097,
176.8120, 255.1775

15.1964, 14.0252,
28.3612

217.9166,
217.3876, 308.1551

9.0445, 8.1382,
18.3567

263.5118,
263.7395, 368.0003

4.8276, 4.1835,
11.0343

315.0609,

2.1802, 1.7767,

316.2520, 435.1315

5.9755

372.9292,
375.3096, 509.9673

■ 0.7323, 0.4726,
2.7616

■ 0.0000, 0.0000,
0.9742

■ 66.4597, 64.5843,
103.5710

■ 66.4597, 64.5843,
103.5710

■ 54.7776, 50.2342,
101.4168

■ 80.0765, 81.4107,
106.1011

■ 44.9371, 38.2360,
99.6196

95.0500, 100.0000,
108.9000

■ 36.8453, 28.4662,
98.1603

■ 30.3991, 20.7870,
97.0178

■ 25.4845, 15.0449,
96.1685

■ 21.9730, 11.0656,
95.5855

■ 19.7141, 8.6430,
95.2370

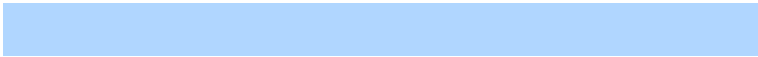
■ 18.4971, 7.4667,
95.0740

■ 18.4632, 7.4330,
95.0693

Harmonies

Analogous

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



60.5936, 64.5843, 107.7437



66.4597, 64.5843, 103.5710



71.2209, 64.5843, 90.0116

Triad

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



66.4597, 64.5843, 103.5710



67.9226, 64.5843, 46.7933



50.8013, 64.5843, 68.0684

Complementary

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



66.4597, 64.5843, 103.5710



86.2050, 96.2523, 71.7956

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.



52.4999, 64.5843, 53.7349



66.4597, 64.5843, 103.5710



62.1841, 64.5843, 42.7550

Square

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



66.4597, 64.5843, 103.5710



72.1026, 64.5843, 57.0998



56.5763, 64.5843, 45.0788



51.7866, 64.5843, 85.4408

Rectangle

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



66.4597, 64.5843, 103.5710



72.9986, 64.5843, 78.4583



56.5763, 64.5843, 45.0788



51.0742, 64.5843, 62.7674

Sweetspot

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



66.4615, 64.5869, 103.5714



85.4759, 88.1049, 107.1086



77.6734, 89.0903, 107.7101



18.0818, 18.5932, 22.8858



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.



66.4615, 64.5869, 103.5714



61.0949, 57.9827, 102.5795



73.8695, 68.4058, 103.9180



17.1714, 17.4646, 22.7159



9.7024, 3.9123, 49.6784



0.9981, 0.4085, 4.8395

Inverse Universe

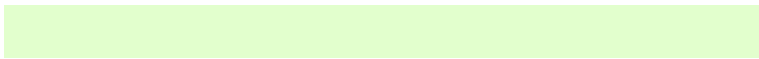
The Inverse Universe completely reimagines the original color for something new.



80.3280, 71.8271, 100.0743



77.5677, 66.5868, 98.2901



78.0926, 92.0703, 71.4159



18.7098, 18.2672, 22.3548



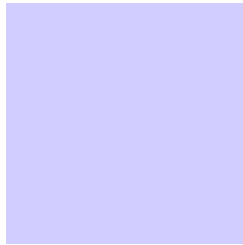
29.0077, 14.0924, 40.2867



2.8461, 1.3808, 4.0369

Previews

White Background



This preview shows how the XYZ color 66.4597, 64.5843, 103.5710 looks on a white background.

Color Contrast Check

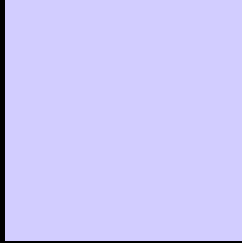
Large Text (above 18pt) WCAG AA × Fail

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 66.4597, 64.5843, 103.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

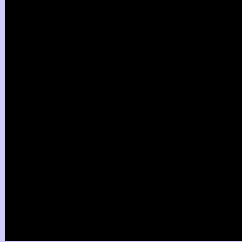
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4597, 64.5843, 103.5710

Background



This preview shows how black text looks on a background with the XYZ color 66.4597, 64.5843, 103.5710.

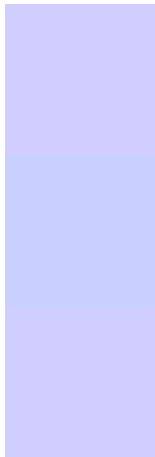


This preview shows how white text looks on a background with the XYZ color 66.4597, 64.5843,

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

66.4597, 64.5843, 103.5710

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

66.1337, 64.7725, 103.6245



Tritanopia

62.0886, 64.6184, 81.8732

Trichromacy



Original Color

66.4597, 64.5843, 103.5710

Protanomaly

65.2647, 64.6830, 103.6530

Deuteranomaly

66.4158, 64.9179, 103.6377

Tritanomaly

63.5741, 64.4916, 89.2182

Monochromacy



Original Color

66.4597, 64.5843, 103.5710

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6680, 65.0512, 82.5993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4597, 64.5843, 103.5710 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 205, 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(210, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.4597, 64.5843, 103.5710 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, 205, 255) }
```


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

```
.border{ border-color:rgb(210, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4597, 64.5843, 103.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 205, 255) }
```

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

```
.background{ background-color: rgb(210,  
205, 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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