

Converting Colors

XYZ(66.0992, 68.8632,
102.7458)

Have a look what the booklet for
XYZ(66.0992, 68.8632, 102.7458)
contains.

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Color

**XYZ(66.0957, 68.8597,
102.7361)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D9FD
RGB	199, 217, 253
RGB Percent	78%, 85%, 99%
CMY	0.2196, 0.1490, 0.0078
CMYK	0.21, 0.14, 0.00, 0.01
HSL	220°, 93%, 89%
HSV	220°, 21%, 99%
XYZ	66.0957, 68.8597, 102.7361
YIQ	215.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

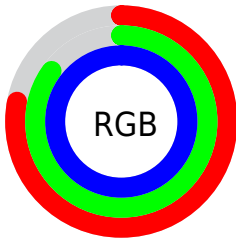
Format	Color
R _Y B	199, 213, 253
Decimal	13097469
CIE Lab	86.43, 1.45, -19.55
CIE LCh	86, 19.606, 274.239
Yxy	68.8597, 0.2781, 0.2897
Android (android.graphics.Color)	4291287549 (0xFFC7D9FD)
YUV	215.7220, 18.3781, -14.6652
Hunter-Lab	82.9817, -3.0412, -15.3172

Details

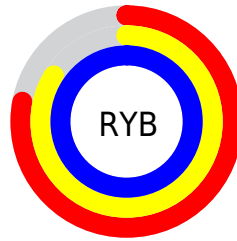
The XYZ color **66.0957, 68.8597, 102.7361** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5259, 84.4230, 66.0857**, and the grayscale version is **64.9727, 68.3564, 74.4401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3857, 35.7555, 57.3137** is the 20% darker color. If you saturate the color by 10%, you get **55.8057, 57.4294, 101.0733**, and if you desaturate by 10%, it is **77.9502, 81.7595, 104.6023**.

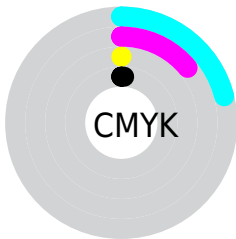
Distribution



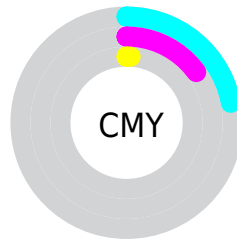
- Red (78%)
- Green (85%)
- Blue (99%)



- Red (78%)
- Yellow (84%)
- Blue (99%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0957, 68.8597, 102.7361 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 66.0957, 68.8597, 102.7361 by changing the saturation by 10% instead.

■ 66.0957, 68.8597,
102.7361

■ 66.0957, 68.8597,
102.7361

436.2023,
456.5360, 590.2511

■ 48.6181, 50.5975,
77.9580

112.6806,
117.5812, 166.9967

■ 34.5299, 35.8883,
57.5232

142.5187,
148.8092, 207.3163

■ 23.4658, 24.3480,
41.0133

177.2076,
185.1279, 253.6534

■ 15.0604, 15.5920,
28.0097

217.1127,
226.9217, 306.4266

■ 8.9484, 9.2359,
18.0939

262.5994,
274.5751, 366.0544

■ 4.7644, 4.8954,
10.8473

314.0329,

■ 2.1430, 2.1860,

328.4723, 432.9554

5.8513

371.7788,
388.9978, 507.5482

■ 0.7124, 0.7123,
2.6876

■ 0.0000, 0.0000,
0.9372

■ 66.0957, 68.8597,
102.7361

■ 66.0957, 68.8597,
102.7361

■ 55.8057, 57.4294,
101.0733

■ 77.9502, 81.7595,
104.6023

■ 47.0054, 47.4052,
99.6023

■ 91.4269, 96.1722,
106.6740

■ 39.6233, 38.7312,
98.3171

■ 94.7298, 99.8719,
107.2140

■ 33.5789, 31.3443,
97.2099

■ 28.7831, 25.1755,
96.2719

■ 25.1350, 20.1481,
95.4938

■ 22.5151, 16.1745,
94.8649

■ 20.9269, 13.4861,
94.4297

Harmonies

Analogous

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



61.7325, 68.8597, 99.7877



66.0957, 68.8597, 102.7361



70.4782, 68.8597, 97.5709

Triad

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



66.0957, 68.8597, 102.7361



72.9245, 68.8597, 61.7867



57.9068, 68.8597, 64.6396

Complementary

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



66.0957, 68.8597, 102.7361



80.5259, 84.4230, 66.0857

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.



60.6651, 68.8597, 56.1708



66.0957, 68.8597, 102.7361



69.3119, 68.8597, 54.6619

Square

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



66.0957, 68.8597, 102.7361



74.5346, 68.8597, 73.1458



64.8067, 68.8597, 52.7303



57.1337, 68.8597, 76.8375

Rectangle

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



66.0957, 68.8597, 102.7361



72.7819, 68.8597, 90.5358



64.8067, 68.8597, 52.7303



58.6261, 68.8597, 61.3105

Sweetspot

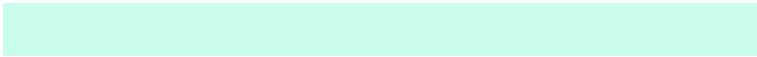
The Sweet Spot groups the original color and five complimentary colors.



66.0978, 68.8625, 102.7377



86.4755, 90.8770, 107.5910



73.5456, 88.3403, 91.0938



18.3174, 19.2462, 22.9994



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.



66.0978, 68.8625, 102.7377



62.2072, 64.4910, 103.7771



63.9148, 61.2203, 101.3776



17.4977, 18.3671, 22.8729



11.2513, 7.4121, 50.2723



1.1911, 0.9130, 4.9267

Inverse Universe

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



73.4576, 66.7411, 74.6594



71.1063, 62.2195, 69.7602



83.0567, 93.7698, 67.7565



18.2591, 18.0870, 19.9817



22.4673, 11.4762, 5.8454



2.2358, 1.1367, 0.8234

Previews

White Background



This preview shows how the XYZ color 66.0957, 68.8597, 102.7361 looks on a white background.

Color Contrast Check

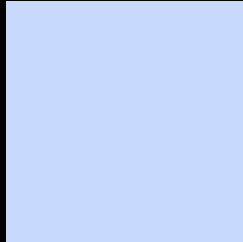
Large Text (above 18pt) WCAG AA × Fail

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 66.0957, 68.8597, 102.7361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

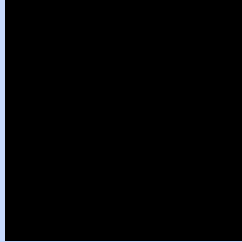
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0957, 68.8597, 102.7361

Background



This preview shows how black text looks on a background with the XYZ color 66.0957, 68.8597, 102.7361.



This preview shows how white text looks on a background with the XYZ color 66.0957, 68.8597,

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

66.0957, 68.8597, 102.7361

Protanopia

67.7536, 68.6135, 100.9395

Deuteranopia

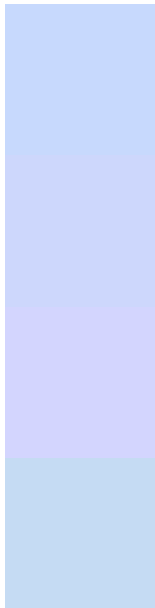
70.0971, 68.6497, 103.3221



Tritanopia

63.6442, 69.0366, 90.0917

Trichromacy



Original Color

66.0957, 68.8597, 102.7361

Protanomaly

67.0480, 68.6083, 101.8044

Deuteranomaly

68.5476, 68.5931, 103.3929

Tritanomaly

64.5351, 69.0044, 94.7118

Monochromacy



Original Color

66.0957, 68.8597, 102.7361

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2771, 68.4705, 83.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0957, 68.8597, 102.7361 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(199, 217, 253)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 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(199, 217, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 253) }
```

Border

The CSS property to change the border of an element to XYZ 66.0957, 68.8597, 102.7361 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(199, 217, 253) }
```


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

```
.border{ border-color:rgb(199, 217, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 253);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0957, 68.8597, 102.7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 253) }
```

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

```
.background{ background-color: rgb(199,  
217, 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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