

Converting Colors

XYZ(53.4682, 51.3575, 68.0677)

Have a look what the booklet for
XYZ(53.4682, 51.3575, 68.0677)
contains.

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Color

**XYZ(53.4682, 51.3575,
68.0677)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB7D2
RGB	204, 183, 210
RGB Percent	80%, 72%, 82%
CMY	0.2000, 0.2823, 0.1765
CMYK	0.03, 0.13, 0.00, 0.18
HSL	287°, 23%, 77%
HSV	287°, 13%, 82%
XYZ	53.4682, 51.3575, 68.0677
YIQ	192.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

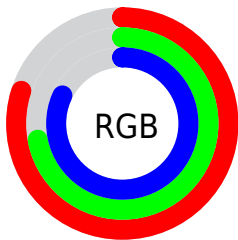
Format	Color
R_{YB}	204, 183, 210
Decimal	13416402
CIE _{Lab}	76.90, 12.34, -10.85
CIE _{LCh}	77, 16.431, 318.689
Yxy	51.3575, 0.3093, 0.2970
Android (android.graphics.Color)	4291606482 (0xFFCCB7D2)
YUV	192.3570, 8.6980, 10.2109
Hunter-Lab	71.6641, 7.7655, -6.1496

Details

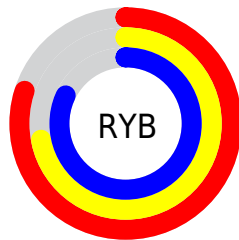
The XYZ color **53.4682, 51.3575, 68.0677** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **52.5820, 60.3323, 53.6762**, and the grayscale version is **50.2620, 52.8795, 57.5858**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **26.5611, 24.8496, 34.8490** is the 20% darker color. If you saturate the color by 10%, you get **48.1962, 42.6834, 66.6721**, and if you desaturate by 10%, it is **59.4278, 61.3482, 69.6828**.

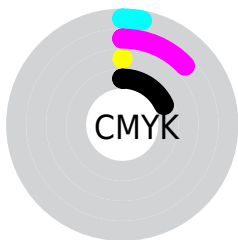
Distribution



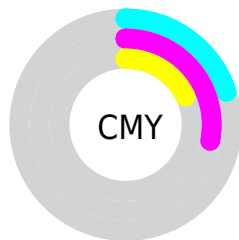
- Red (80%)
- Green (72%)
- Blue (82%)



- Red (80%)
- Yellow (72%)
- Blue (82%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4682, 51.3575, 68.0677 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 53.4682, 51.3575, 68.0677 by changing the saturation by 10% instead.

■ 53.4682, 51.3575,
68.0677

■ 53.4682, 51.3575,
68.0677

390.3104,
391.9512, 472.3404

■ 38.4056, 36.4932,
49.4858

■ 94.4544, 92.1830,
118.1041

■ 26.4763, 24.8153,
34.6367

121.1088,
118.9130, 150.3957

■ 17.3149, 15.9395,
23.1018

152.3579,
150.3670, 188.0942

■ 10.5559, 9.4814,
14.4627

188.5669,
186.9294, 231.6183

■ 5.8342, 5.0565,
8.3008

230.1014,
228.9847, 281.3864

■ 2.7842, 2.2804,
4.1975

277.3265,

■ 1.0407, 0.7633,

276.9171, 337.8171

1.7343

330.6077,
331.1111, 401.3289

■ 0.0000, 0.0000,
0.3841

■ 0.0000, 0.0000,
0.0000

■ 53.4682, 51.3575,
68.0677

■ 53.4682, 51.3575,
68.0677

■ 48.1962, 42.6834,
66.6721

■ 59.4278, 61.3482,
69.6828

■ 43.5784, 35.2621,
65.4830

■ 66.0976, 72.7027,
71.5229

■ 39.5853, 29.0344,
64.4914

■ 73.5046, 85.4737,
73.5975

■ 36.1833, 23.9335,
63.6861

■ 77.7228, 91.8088,
74.5980

■ 33.3356, 19.8860,
63.0550

■ 79.1779, 92.5589,
74.6661

■ 31.0006, 16.8099,
62.5843

■ 80.6730, 93.3297,
74.7361

■ 29.1310, 14.6105,
62.2583

■ 82.2083, 94.1211,
74.8079

■ 27.6696, 13.1740,
62.0581

■ 83.7841, 94.9335,
74.8817

■ 26.8051, 12.4747,
61.9686

■ 85.4008, 95.7670,
74.9573

Harmonies

Analogous

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



50.7648, 51.3575, 73.8581



53.4682, 51.3575, 68.0677



54.9467, 51.3575, 59.3634

Triad

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



53.4682, 51.3575, 68.0677



50.0019, 51.3575, 40.6842



43.3397, 51.3575, 61.6177

Complementary

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



53.4682, 51.3575, 68.0677



52.5820, 60.3323, 53.6762

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.



43.1550, 51.3575, 52.6116



53.4682, 51.3575, 68.0677



46.9134, 51.3575, 41.1497

Square

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



53.4682, 51.3575, 68.0677



52.8892, 51.3575, 43.9628



44.4376, 51.3575, 45.3103



44.9532, 51.3575, 69.8687

Rectangle

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



53.4682, 51.3575, 68.0677



54.9984, 51.3575, 53.3596



44.4376, 51.3575, 45.3103



43.1111, 51.3575, 58.5601

Sweetspot

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



53.4697, 51.3597, 68.0688



91.0529, 93.2365, 107.8052



49.4256, 51.2471, 68.2602



19.3325, 19.6925, 23.0320



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.



53.4697, 51.3597, 68.0688



80.9799, 76.4002, 105.0863



54.2691, 51.8731, 63.5286



12.0431, 11.8710, 14.9003



16.4400, 7.6554, 37.8037



0.9841, 0.4615, 2.1168

Inverse Universe

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



52.6989, 51.2450, 55.2604



79.6133, 76.2069, 81.9269



51.8930, 59.8883, 57.6566



11.9148, 11.8507, 12.8271



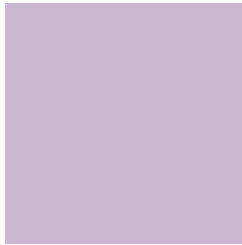
16.5527, 8.4939, 2.5507



0.9562, 0.4872, 0.3040

Previews

White Background



This preview shows how the XYZ color 53.4682, 51.3575, 68.0677 looks on a white background.

Color Contrast Check

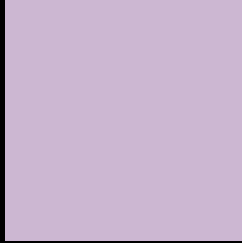
Large Text (above 18pt) WCAG AA × Fail

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 53.4682, 51.3575, 68.0677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

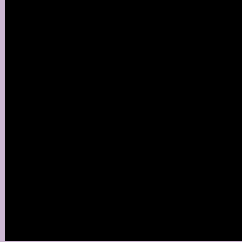
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4682, 51.3575, 68.0677

Background



This preview shows how black text looks on a background with the XYZ color 53.4682, 51.3575, 68.0677.



This preview shows how white text looks on a background with the XYZ color 53.4682, 51.3575,

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

53.4682, 51.3575, 68.0677

Protanopia

50.4575, 51.6384, 70.2586

Deuteranopia

52.5350, 51.4932, 68.1431



Tritanopia

52.0149, 51.3780, 61.2083

Trichromacy



Original Color

53.4682, 51.3575, 68.0677

Protanomaly

51.6463, 51.6316, 69.5312

Deuteranomaly

52.8607, 51.3516, 68.0986

Tritanomaly

52.5486, 51.2893, 63.6301

Monochromacy



Original Color

53.4682, 51.3575, 68.0677

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.2713, 52.2545, 61.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4682, 51.3575, 68.0677 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(204, 183, 210) looks like.

```
.text, #text, p{  
    color:rgb(204, 183, 210)  
}
```

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(204, 183, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 183, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.4682, 51.3575, 68.0677 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(204, 183, 210) }
```


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

```
.border{ border-color:rgb(204, 183, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 183, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 183, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 183, 210);  
box-shadow:4px 4px 4px 4px rgb(204, 183,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4682, 51.3575, 68.0677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 183, 210) }
```

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

```
.background{ background-color: rgb(204,  
183, 210) }
```

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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