

Converting Colors

XYZ(52.3041, 52.5085, 59.6030)

Have a look what the booklet for
XYZ(52.3041, 52.5085, 59.6030)
contains.

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Color

**XYZ(52.3041, 52.5085,
59.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	CABCC4
RGB	202, 188, 196
RGB Percent	79%, 74%, 77%
CMY	0.2078, 0.2627, 0.2314
CMYK	0.00, 0.07, 0.03, 0.21
HSL	326°, 12%, 76%
HSV	326°, 7%, 79%
XYZ	52.3041, 52.5085, 59.6030
YIQ	193.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

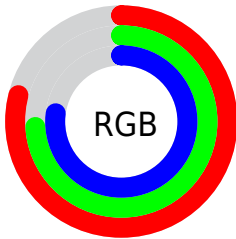
Format	Color
R _Y B	202, 188, 196
Decimal	13286596
CIE Lab	77.58, 6.36, -2.25
CIE LCh	78, 6.744, 340.469
Yxy	52.5085, 0.3181, 0.3194
Android (android.graphics.Color)	4291476676 (0xFFCABCC4)
YUV	193.0980, 1.4307, 7.8071
Hunter-Lab	72.4627, 2.0327, 1.9559

Details

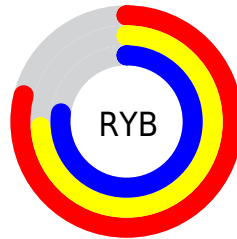
The XYZ color **52.3041, 52.5085, 59.6030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5991, 56.8288, 59.2911**, and the grayscale version is **50.7369, 53.3791, 58.1299**.

A 20% lighter version of the original color is **91.3203, 93.0532, 106.0765**, and **25.7592, 25.5768, 29.1704** is the 20% darker color. If you saturate the color by 10%, you get **47.3303, 44.0924, 53.2221**, and if you desaturate by 10%, it is **57.9418, 62.1598, 66.4871**.

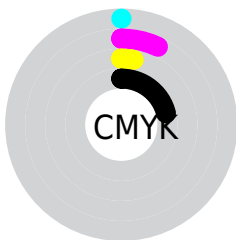
Distribution



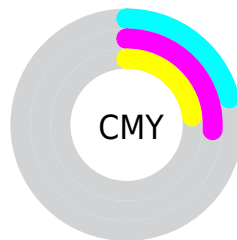
- Red (79%)
- Green (74%)
- Blue (77%)



- Red (79%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3041, 52.5085, 59.6030 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 52.3041, 52.5085, 59.6030 by changing the saturation by 10% instead.

■ 52.3041, 52.5085,
59.6030

■ 52.3041, 52.5085,
59.6030

385.9142,
396.3966, 440.8968

■ 37.4728, 37.4106,
42.6755

■ 92.7511, 93.8807,
105.7913

■ 25.7491, 25.5255,
29.3011

119.0976,
120.9238, 135.8892

■ 16.7677, 16.4690,
19.0612

150.0131,
152.7174, 171.2143

■ 10.1633, 9.8566,
11.5372

185.8630,
189.6459, 212.1851

■ 5.5705, 5.3040,
6.3107

227.0127,
232.0936, 259.2202

■ 2.6239, 2.4267,
2.9631

273.8276,

■ 0.9581, 0.8396,

280.4451, 312.7382

1.0758

326.6730,
335.0846, 373.1576

■ 0.0000, 0.0000,
0.0000

■ 52.3041, 52.5085,
59.6030

■ 52.3041, 52.5085,
59.6030

■ 47.3303, 44.0924,
53.2221

■ 57.9418, 62.1598,
66.4871

■ 42.9900, 36.8545,
47.3278

■ 64.2632, 73.0870,
73.8838

■ 39.2571, 30.7433,
41.9071

■ 71.2931, 85.3370,
81.8063

■ 36.1017, 25.7009,
36.9452

■ 74.4901, 89.8258,
88.7453

■ 33.4914, 21.6640,
32.4262

■ 75.7413, 90.3262,
95.3341

■ 31.3905, 18.5628,
28.3328

■ 77.0538, 90.8513,
102.2459

■ 29.7587, 16.3184,
24.6464

■ 78.1674, 91.2967,
108.1099

■ 28.5489, 14.8387,
21.3455

■ 27.6989, 14.0010,
18.4038

Harmonies

Analogous

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



51.5500, 52.5085, 62.8015



52.3041, 52.5085, 59.6030



52.4098, 52.5085, 55.8802

Triad

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



52.3041, 52.5085, 59.6030



49.4543, 52.5085, 50.4095



48.0277, 52.5085, 61.9527

Complementary

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



52.3041, 52.5085, 59.6030



51.5991, 56.8288, 59.2911

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.



47.4867, 52.5085, 58.4853



52.3041, 52.5085, 59.6030



48.3008, 52.5085, 51.8910

Square

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



52.3041, 52.5085, 59.6030



50.7492, 52.5085, 50.6795



47.5857, 52.5085, 54.8096



49.0756, 52.5085, 64.1984

Rectangle

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



52.3041, 52.5085, 59.6030



52.0963, 52.5085, 53.6144



47.5857, 52.5085, 54.8096



47.7813, 52.5085, 60.8853

Sweetspot

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



52.3056, 52.5108, 59.6041



93.0945, 96.6491, 106.5216



50.8512, 51.6805, 63.1729



19.9466, 20.7220, 22.8250



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.



52.3056, 52.5108, 59.6041



87.5077, 87.1174, 99.5975



51.5455, 52.2068, 55.6018



11.4764, 11.3193, 13.0433



17.7254, 8.9008, 11.5386



0.9520, 0.4742, 0.7930

Inverse Universe

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



52.3056, 52.5108, 59.6041



87.5077, 87.1174, 99.5975



52.3842, 57.1428, 63.4251



11.4764, 11.3193, 13.0433



17.7254, 8.9008, 11.5386



0.9520, 0.4742, 0.7930

Previews

White Background



This preview shows how the XYZ color 52.3041, 52.5085, 59.6030 looks on a white background.

Color Contrast Check

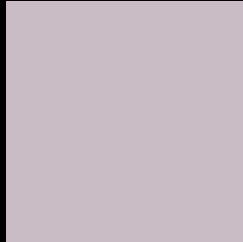
Large Text (above 18pt) WCAG AA × Fail

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 52.3041, 52.5085, 59.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

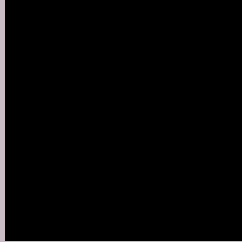
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3041, 52.5085, 59.6030

Background



This preview shows how black text looks on a background with the XYZ color 52.3041, 52.5085, 59.6030.



This preview shows how white text looks on a background with the XYZ color 52.3041, 52.5085,

59.6030.

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

52.3041, 52.5085, 59.6030

Protanopia

50.8162, 52.6763, 60.9153

Deuteranopia

53.5351, 52.5132, 59.5390



Tritanopia

53.0596, 52.5014, 63.2144

Trichromacy



Original Color

52.3041, 52.5085, 59.6030

Protanomaly

51.2564, 52.5939, 60.2735

Deuteranomaly

53.1877, 52.6480, 59.5833

Tritanomaly

52.8243, 52.4073, 61.9751

Monochromacy



Original Color

52.3041, 52.5085, 59.6030

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1334, 52.8924, 58.5532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3041, 52.5085, 59.6030 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(202, 188, 196) looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 196)  
}
```

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(202, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.3041, 52.5085, 59.6030 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(202, 188, 196) }
```


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

```
.border{ border-color:rgb(202, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3041, 52.5085, 59.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 196) }
```

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

```
.background{ background-color: rgb(202,  
188, 196) }
```

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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