

Converting Colors

XYZ(52.9154, 56.1468, 54.0054)

Have a look what the booklet for
XYZ(52.9154, 56.1468, 54.0054)
contains.

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Color

**XYZ(53.0384, 56.3085,
53.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C6B9
RGB	201, 198, 185
RGB Percent	79%, 78%, 73%
CMY	0.2118, 0.2235, 0.2745
CMYK	0.00, 0.01, 0.08, 0.21
HSL	49°, 13%, 76%
HSV	49°, 8%, 79%
XYZ	53.0384, 56.3085, 53.9721
YIQ	197.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

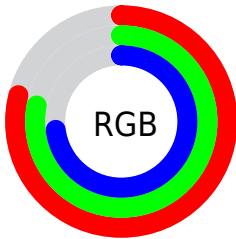
Format	Color
RYB	189, 201, 185
Decimal	13223609
CIELab	79.79, -1.24, 6.87
CIELCh	80, 6.982, 100.238
Yxy	56.3085, 0.3248, 0.3448
Android (android.graphics.Color)	4291413689 (0xFFC9C6B9)
YUV	197.4150, -6.1206, 3.1440
Hunter-Lab	75.0390, -5.1524, 9.8827

Details

The XYZ color **53.0384, 56.3085, 53.9721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5332, 50.4967, 62.4477**, and the grayscale version is **53.3564, 56.1351, 61.1311**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **26.1707, 27.8155, 25.8194** is the 20% darker color. If you saturate the color by 10%, you get **50.2158, 53.8219, 43.2922**, and if you desaturate by 10%, it is **56.1856, 58.9628, 66.2415**.

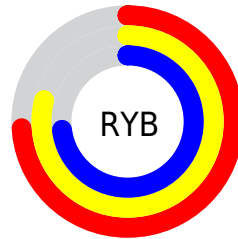
Distribution



Red (79%)

Green (78%)

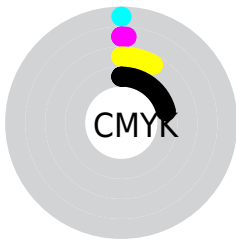
Blue (73%)



Red (74%)

Yellow (79%)

Blue (73%)

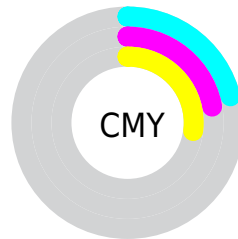


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0384, 56.3085, 53.9721 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 53.0384, 56.3085, 53.9721 by changing the saturation by 10% instead.


 53.0384, 56.3085,
53.9721

 53.0384, 56.3085,
53.9721


388.6909,
410.8531, 419.1752

 38.0610, 40.4503,
38.1863


 93.8261, 99.4555,
97.4893

 26.2075, 27.8898,
25.8244


120.3671,
127.5131, 126.0577

 17.1124, 18.2426,
16.4677

151.4933,
160.4060, 159.7242

 10.4105, 11.1243,
9.6978

187.5702,
198.5185, 198.9072

 5.7363, 6.1505,
5.0961

228.9630,
242.2351, 244.0253

 2.7245, 2.9368,
2.2440

276.0372,

 1.0098, 1.0988,

291.9401, 295.4969

0.6996

329.1580,
348.0180, 353.7407

■ 0.0000, 0.0000,
0.0000

■ 53.0384, 56.3085,
53.9721

■ 53.0384, 56.3085,
53.9721

■ 50.2158, 53.8219,
43.2922

■ 56.1856, 58.9628,
66.2415

■ 47.7003, 51.4903,
34.1323

■ 59.6645, 61.7824,
80.1590

■ 45.4801, 49.3104,
26.4229

■ 63.4881, 64.7746,
95.7844

■ 43.5404, 47.2763,
20.0878

■ 65.9466, 67.2557,
104.1136

■ 41.8653, 45.3812,
15.0437

■ 66.9046, 69.1717,
104.4330

40.4372, 43.6178,
11.1983

67.8848, 71.1320,
104.7597

39.2360, 41.9780,
8.4472

68.8872, 73.1367,
105.0938

38.2383, 40.4519,
6.6678

69.9120, 75.1863,
105.4354

37.4096, 39.0256,
5.6788

70.9593, 77.2810,
105.7845

Harmonies

Analogous

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



54.4428, 56.3085, 54.2796



53.0384, 56.3085, 53.9721



51.7847, 56.3085, 55.5639

Triad

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



53.0384, 56.3085, 53.9721



51.4735, 56.3085, 66.4719



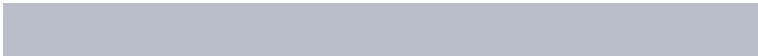
56.1157, 56.3085, 63.9773

Complementary

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



53.0384, 56.3085, 53.9721



48.5332, 50.4967, 62.4477

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.



55.2927, 56.3085, 67.4400



53.0384, 56.3085, 53.9721



52.6067, 56.3085, 68.9235

Square

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



53.0384, 56.3085, 53.9721



50.8918, 56.3085, 62.7029



54.0036, 56.3085, 69.2854



56.2362, 56.3085, 59.9386

Rectangle

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



53.0384, 56.3085, 53.9721



51.1969, 56.3085, 57.5308



54.0036, 56.3085, 69.2854



55.9113, 56.3085, 65.2520

Sweetspot

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



53.0400, 56.3110, 53.9733



93.9358, 99.0681, 104.5314



50.5357, 50.7556, 54.8241



20.1178, 21.2145, 22.4198



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.



53.0400, 56.3110, 53.9733



89.7085, 95.4566, 88.1921



52.4612, 57.0392, 54.1444



11.3486, 12.0663, 11.2937



23.4840, 24.4852, 3.4884



1.1569, 1.2492, 0.1801

Inverse Universe

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



48.5332, 50.4967, 62.4477



80.0239, 82.9624, 106.4034



49.0775, 49.8372, 62.2917



10.2147, 10.6035, 13.4258



7.1073, 3.6085, 35.0663



0.3864, 0.2707, 1.6770

Previews

White Background



This preview shows how the XYZ color 53.0384, 56.3085, 53.9721 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 53.0384, 56.3085, 53.9721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

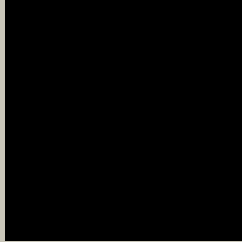
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

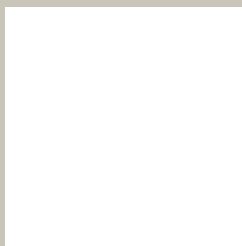
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0384, 56.3085, 53.9721

Background



This preview shows how black text looks on a background with the XYZ color 53.0384, 56.3085, 53.9721.



This preview shows how white text looks on a background with the XYZ color 53.0384, 56.3085,

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

53.0384, 56.3085, 53.9721

Protanopia

53.5198, 56.2306, 53.3802

Deuteranopia

57.3125, 56.1789, 54.2773



Tritanopia

56.1015, 56.2159, 68.8666

Trichromacy



Original Color

53.0384, 56.3085, 53.9721

Protanomaly

53.2466, 56.0897, 53.3674

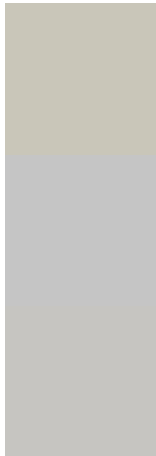
Deuteranomaly

55.8863, 56.4249, 54.3999

Tritanomaly

54.9596, 56.0846, 63.1871

Monochromacy



Original Color

53.0384, 56.3085, 53.9721

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8806, 55.7885, 58.4332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0384, 56.3085, 53.9721 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(201, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 185)  
}
```

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(201, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.0384, 56.3085, 53.9721 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(201, 198, 185) }
```


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

```
.border{ border-color:rgb(201, 198, 185) }
```

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

Here you see how a box with a 4 pixel rgb(201, 198, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 198,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0384, 56.3085, 53.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 185) }
```

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

```
.background{ background-color: rgb(201,  
198, 185) }
```

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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