

Converting Colors

XYZ(53.0605, 58.7192, 66.0543)

Have a look what the booklet for
XYZ(53.0605, 58.7192, 66.0543)
contains.

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Color

**XYZ(53.0983, 58.8647,
66.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CECD
RGB	185, 206, 205
RGB Percent	73%, 81%, 80%
CMY	0.2745, 0.1921, 0.1961
CMYK	0.10, 0.00, 0.00, 0.19
HSL	177°, 18%, 77%
HSV	177°, 10%, 81%
XYZ	53.0983, 58.8647, 66.3210
YIQ	199.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

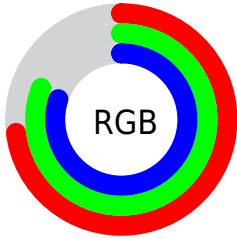
Format	Color
R_{YB}	185, 196, 206
Decimal	12177101
CIE _{Lab}	81.22, -7.24, -1.92
CIE _{LCh}	81, 7.492, 194.846
Yxy	58.8647, 0.2978, 0.3302
Android (android.graphics.Color)	4290367181 (0xFFB9CECD)
YUV	199.6070, 2.6587, -12.8103
Hunter-Lab	76.7233, -10.7305, 2.4550

Details

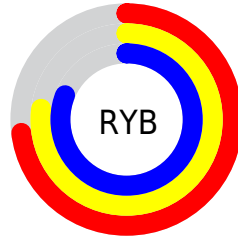
The XYZ color **53.0983, 58.8647, 66.3210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6676, 51.3664, 53.6486**, and the grayscale version is **54.6490, 57.4950, 62.6121**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **26.3299, 29.5964, 33.6031** is the 20% darker color. If you saturate the color by 10%, you get **48.3663, 56.4406, 65.4826**, and if you desaturate by 10%, it is **58.5545, 61.6653, 67.1997**.

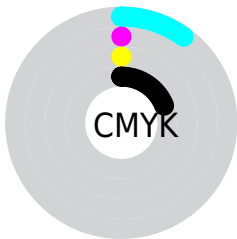
Distribution



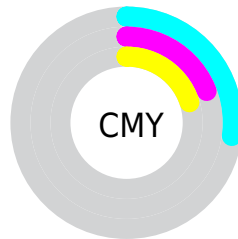
- Red (73%)
- Green (81%)
- Blue (80%)



- Red (73%)
- Yellow (77%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0983, 58.8647, 66.3210 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 53.0983, 58.8647, 66.3210 by changing the saturation by 10% instead.

■ 53.0983, 58.8647,
66.3210

■ 53.0983, 58.8647,
66.3210

388.9168,
420.4003, 465.9595

■ 38.1090, 42.5042,
48.0749

■ 93.9137, 103.1810,
115.5783

■ 26.2449, 29.4963,
33.5258

120.4705,
131.9056, 147.4266

■ 17.1406, 19.4566,
22.2551

151.6139,
165.5203, 184.6461

■ 10.4307, 12.0007,
13.8444

187.7092,
204.4097, 227.6552

■ 5.7499, 6.7441,
7.8750

229.1218,
248.9579, 276.8726

■ 2.7328, 3.3026,
3.9284

276.2170,

■ 1.0141, 1.2917,

299.5495, 332.7168

1.5862

329.3603,
356.5689, 395.6062

■ 0.0000, 0.1347,
0.2809

■ 0.0000, 0.0000,
0.0000

■ 53.0983, 58.8647,
66.3210

■ 53.0983, 58.8647,
66.3210

■ 48.3663, 56.4406,
65.4826

■ 58.5545, 61.6653,
67.1997

■ 44.3227, 54.3696,
64.6790

■ 64.7587, 64.8498,
68.1160

■ 40.9360, 52.6372,
63.9101

■ 71.7402, 68.4350,
69.0727

■ 38.1704, 51.2249,
63.1742

■ 74.8133, 70.0052,
69.8503

■ 35.9868, 50.1126,
62.4693

■ 74.9355, 70.0541,
70.4938

■ 34.3416, 49.2777,
61.7935

■ 75.0585, 70.1033,
71.1413

■ 33.1849, 48.6946,
61.1445

■ 75.1822, 70.1527,
71.7927

■ 32.4578, 48.3328,
60.5193

■ 75.3066, 70.2025,
72.4481

■ 32.0549, 48.1379,
59.9247

■ 75.4319, 70.2526,
73.1075

Harmonies

Analogous

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



53.1023, 58.8647, 61.8732



53.0983, 58.8647, 66.3210



53.8484, 58.8647, 70.3474

Triad

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



53.0983, 58.8647, 66.3210



58.0921, 58.8647, 70.3821



56.7373, 58.8647, 56.1510

Complementary

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



53.0983, 58.8647, 66.3210



51.6676, 51.3664, 53.6486

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.



58.1038, 58.8647, 58.2220



53.0983, 58.8647, 66.3210



58.8959, 58.8647, 66.3666

Square

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



53.0983, 58.8647, 66.3210



56.7215, 58.8647, 72.7650



58.9002, 58.8647, 61.9167



55.1838, 58.8647, 56.1401

Rectangle

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



53.0983, 58.8647, 66.3210



54.6833, 58.8647, 72.1918



58.9002, 58.8647, 61.9167



57.2344, 58.8647, 56.6249

Sweetspot

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



53.1000, 58.8672, 66.3223



92.2325, 98.5543, 108.4613



51.0918, 58.0933, 54.4201



19.5844, 21.0141, 23.1903



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.



53.1000, 58.8672, 66.3223



84.4401, 94.5575, 107.1797



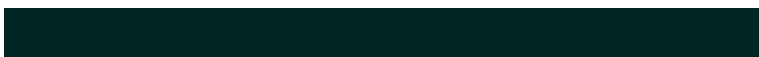
51.0140, 54.5008, 66.2265



11.5192, 12.7174, 14.2916



19.7480, 29.6445, 36.9533



1.0261, 1.5322, 1.9448

Inverse Universe

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



51.6676, 51.3664, 53.6486



81.7118, 80.2700, 83.0390



53.6048, 55.4108, 53.7699



11.2337, 11.2222, 11.7652



15.7169, 8.0973, 0.9619



0.8186, 0.4208, 0.0906

Previews

White Background



This preview shows how the XYZ color 53.0983, 58.8647, 66.3210 looks on a white background.

Color Contrast Check

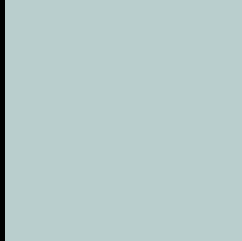
Large Text (above 18pt) WCAG AA × Fail

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 53.0983, 58.8647, 66.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

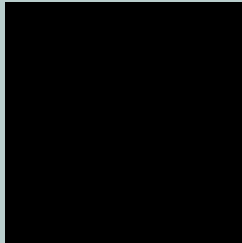
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

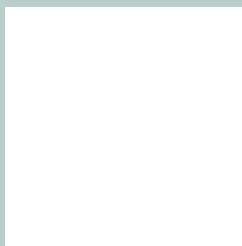
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0983, 58.8647, 66.3210

Background



This preview shows how black text looks on a background with the XYZ color 53.0983, 58.8647, 66.3210.



This preview shows how white text looks on a background with the XYZ color 53.0983, 58.8647,

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

53.0983, 58.8647, 66.3210

Protanopia

56.4918, 58.5520, 64.2013

Deuteranopia

59.6910, 58.4406, 67.1656



Tritanopia

55.2502, 59.0444, 76.1949

Trichromacy



Original Color

53.0983, 58.8647, 66.3210

Protanomaly

55.1887, 58.5586, 64.8941

Deuteranomaly

57.0176, 58.4249, 66.6645

Tritanomaly

54.5906, 59.1337, 72.8267

Monochromacy



Original Color

53.0983, 58.8647, 66.3210

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2869, 58.1074, 64.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0983, 58.8647, 66.3210 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(185, 206, 205) looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 205)  
}
```

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(185, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 205) }
```

Border

The CSS property to change the border of an element to XYZ 53.0983, 58.8647, 66.3210 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(185, 206, 205) }
```


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

```
.border{ border-color:rgb(185, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0983, 58.8647, 66.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 205) }
```

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

```
.background{ background-color: rgb(185,  
206, 205) }
```

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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