

Converting Colors

XYZ(52.9959, 56.9175, 66.7531)

Have a look what the booklet for
XYZ(52.9959, 56.9175, 66.7531)
contains.

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Color

**XYZ(53.0135, 57.0483,
66.6098)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC9CE
RGB	189, 201, 206
RGB Percent	74%, 79%, 81%
CMY	0.2588, 0.2117, 0.1922
CMYK	0.08, 0.02, 0.00, 0.19
HSL	198°, 15%, 77%
HSV	198°, 8%, 81%
XYZ	53.0135, 57.0483, 66.6098
YIQ	197.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

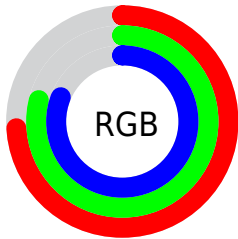
Format	Color
R _Y B	189, 196, 206
Decimal	12437966
CIE Lab	80.21, -3.11, -3.91
CIE LCh	80, 4.991, 231.521
Yxy	57.0483, 0.3001, 0.3229
Android (android.graphics.Color)	4290628046 (0xFFBDC9CE)
YUV	197.9820, 3.9529, -7.8772
Hunter-Lab	75.5303, -6.8918, 0.5837

Details

The XYZ color **53.0135, 57.0483, 66.6098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9310, 55.3792, 55.9920**, and the grayscale version is **53.6475, 56.4413, 61.4646**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **26.2546, 28.3687, 33.7977** is the 20% darker color. If you saturate the color by 10%, you get **46.8786, 51.8327, 65.9273**, and if you desaturate by 10%, it is **59.9332, 62.7542, 67.3473**.

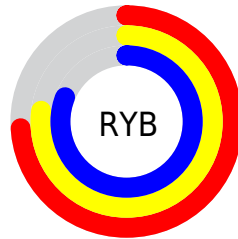
Distribution



Red (74%)

Green (79%)

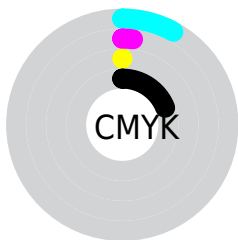
Blue (81%)



Red (74%)

Yellow (77%)

Blue (81%)

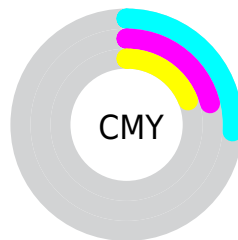


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0135, 57.0483, 66.6098 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 53.0135, 57.0483, 66.6098 by changing the saturation by 10% instead.

■ 53.0135, 57.0483,
66.6098

■ 53.0135, 57.0483,
66.6098

388.5969,
413.6303, 467.0182

■ 38.0411, 41.0440,
48.3080

■ 93.7896, 100.5357,
115.9964

■ 26.1919, 28.3535,
33.7091

120.3241,
128.7875, 147.9184

■ 17.1007, 18.5923,
22.3947

151.4432,
161.8907, 185.2174

■ 10.4021, 11.3761,
13.9461

187.5124,
200.2296, 228.3121

■ 5.7306, 6.3204,
7.9449

228.8970,
244.1886, 277.6210

■ 2.7211, 3.0408,
3.9724

275.9624,

■ 1.0080, 1.1531,

294.1522, 333.5626

1.6102

329.0739,
350.5046, 396.5555

■ 0.0000, 0.0229,
0.2981

■ 0.0000, 0.0000,
0.0000

■ 53.0135, 57.0483,
66.6098

■ 53.0135, 57.0483,
66.6098

■ 46.8786, 51.8327,
65.9273

■ 59.9332, 62.7542,
67.3473

■ 41.4924, 47.0832,
65.2945

■ 67.6620, 68.9592,
68.1376

■ 36.8234, 42.7842,
64.7107

■ 76.2292, 75.6808,
68.9835

■ 32.8357, 38.9161,
64.1743

■ 79.3670, 79.6888,
69.5918

■ 29.4902, 35.4579,
63.6831

■ 81.0354, 83.0255,
70.1479

■ 26.7435, 32.3861,
63.2350

■ 82.7624, 86.4796,
70.7236

■ 24.5466, 29.6745,
62.8274

■ 84.5487, 90.0521,
71.3190

■ 22.8419, 27.2923,
62.4574

■ 86.3947, 93.7443,
71.9343

■ 21.5430, 25.1939,
62.1208

■ 88.1407, 97.2363,
72.5163

Harmonies

Analogous

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



52.4216, 57.0483, 64.1957



53.0135, 57.0483, 66.6098



53.9345, 57.0483, 67.8287

Triad

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



53.0135, 57.0483, 66.6098



56.1824, 57.0483, 62.9464



53.5076, 57.0483, 57.0441

Complementary

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



53.0135, 57.0483, 66.6098



53.9310, 55.3792, 55.9920

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.



54.5119, 57.0483, 56.7332



53.0135, 57.0483, 66.6098



56.0646, 57.0483, 60.0815

Square

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



53.0135, 57.0483, 66.6098



55.7699, 57.0483, 65.6708



55.4501, 57.0483, 57.8288



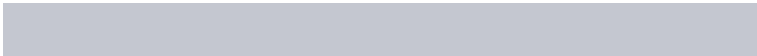
52.7043, 57.0483, 58.6917

Rectangle

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



53.0135, 57.0483, 66.6098



54.6147, 57.0483, 67.7739



55.4501, 57.0483, 57.8288



53.8326, 57.0483, 56.7819

Sweetspot

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



53.0151, 57.0507, 66.6111



92.7221, 98.0928, 108.6546



52.7756, 58.8492, 59.5095



19.8708, 21.0159, 23.2591



0.0000, 0.0000, 0.0000



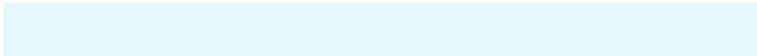
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0151, 57.0507, 66.6111



83.9381, 90.7908, 107.7081



51.1279, 53.2762, 65.9820



11.2540, 12.1483, 14.3221



13.2246, 15.4733, 38.2459



0.7460, 0.9257, 1.9943

Inverse Universe

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



54.1951, 53.7353, 62.7766



86.2643, 84.3223, 100.1336



55.8347, 59.1867, 56.6265



11.5415, 11.3454, 13.3864



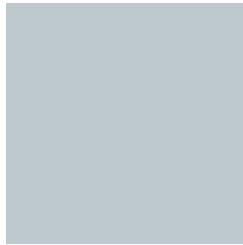
18.8861, 9.3650, 17.6507



1.0065, 0.4960, 1.0800

Previews

White Background



This preview shows how the XYZ color 53.0135, 57.0483, 66.6098 looks on a white background.

Color Contrast Check

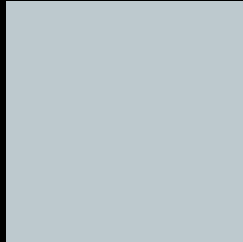
Large Text (above 18pt) WCAG AA × Fail

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 53.0135, 57.0483, 66.6098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

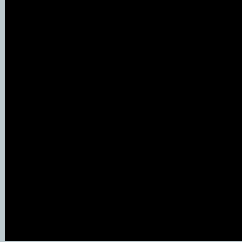
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

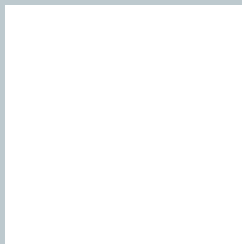
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0135, 57.0483, 66.6098

Background



This preview shows how black text looks on a background with the XYZ color 53.0135, 57.0483, 66.6098.



This preview shows how white text looks on a background with the XYZ color 53.0135, 57.0483,

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

53.0135, 57.0483, 66.6098

Protanopia

55.1806, 57.1653, 65.2524

Deuteranopia

58.1867, 56.9901, 67.6079



Tritanopia

54.4059, 57.2912, 72.4808

Trichromacy



Original Color

53.0135, 57.0483, 66.6098

Protanomaly

54.4688, 57.1249, 65.9130

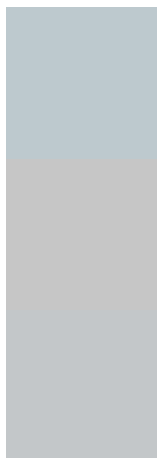
Deuteranomaly

56.1793, 56.9640, 67.0657

Tritanomaly

53.7731, 57.0092, 70.4571

Monochromacy



Original Color

53.0135, 57.0483, 66.6098

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4717, 56.6660, 63.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0135, 57.0483, 66.6098 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(189, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 201, 206)  
}
```

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(189, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 201, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.0135, 57.0483, 66.6098 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(189, 201, 206) }
```


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

```
.border{ border-color:rgb(189, 201, 206) }
```

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

Here you see how a box with a 4 pixel rgb(189, 201, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 201,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0135, 57.0483, 66.6098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 201, 206) }
```

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

```
.background{ background-color: rgb(189,  
201, 206) }
```

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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