

Converting Colors

XYZ(51.8114, 57.3761, 55.3576)

Have a look what the booklet for
XYZ(51.8114, 57.3761, 55.3576)
contains.

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Color

**XYZ(51.8114, 57.3761,
55.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCBBB
RGB	191, 203, 187
RGB Percent	75%, 80%, 73%
CMY	0.2510, 0.2039, 0.2667
CMYK	0.06, 0.00, 0.08, 0.20
HSL	105°, 13%, 76%
HSV	105°, 8%, 80%
XYZ	51.8114, 57.3761, 55.3576
YIQ	197.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

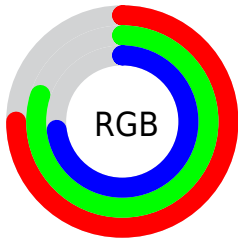
Format	Color
RYB	187, 203, 199
Decimal	12569531
CIELab	80.39, -7.03, 6.57
CIELCh	80, 9.621, 136.971
Yxy	57.3761, 0.3149, 0.3487
Android (android.graphics.Color)	4290759611 (0xFFBFCBBB)
YUV	197.5880, -5.2199, -5.7777
Hunter-Lab	75.7470, -10.4622, 9.6925

Details

The XYZ color **51.8114, 57.3761, 55.3576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1053, 51.9961, 63.7929**, and the grayscale version is **53.4594, 56.2434, 61.2491**.

A 20% lighter version of the original color is **90.2954, 97.7652, 98.9055**, and **25.5318, 28.6194, 26.7327** is the 20% darker color. If you saturate the color by 10%, you get **46.1580, 54.6969, 44.5392**, and if you desaturate by 10%, it is **58.1735, 60.3884, 67.8153**.

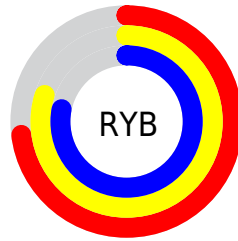
Distribution



Red (75%)

Green (80%)

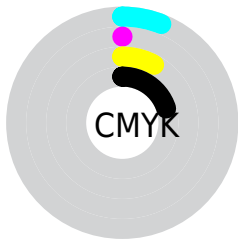
Blue (73%)



Red (73%)

Yellow (80%)

Blue (78%)

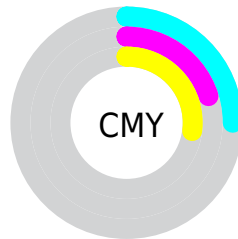


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8114, 57.3761, 55.3576 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 51.8114, 57.3761, 55.3576 by changing the saturation by 10% instead.

■ 51.8114, 57.3761,
55.3576

■ 51.8114, 57.3761,
55.3576

384.0440,
414.8571, 424.5861

■ 37.0784, 41.3073,
39.2876

■ 92.0289, 101.0138,
99.5411

■ 25.4422, 28.5593,
26.6740

118.2442,
129.3514, 128.4916

■ 16.5373, 18.7477,
17.0982

149.0175,
162.5474, 162.5728

■ 9.9984, 11.4881,
10.1419

184.7144,
200.9862, 202.2030

■ 5.4601, 6.3961,
5.3863

225.7002,
245.0522, 247.8010

■ 2.5572, 3.0874,
2.4130

272.3401,

■ 0.9242, 1.1775,

295.1297, 299.7851

0.7935

324.9996,
351.6032, 358.5740

■ 0.0000, 0.0432,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8114, 57.3761,
55.3576

■ 51.8114, 57.3761,
55.3576

■ 46.1580, 54.6969,
44.5392

■ 58.1735, 60.3884,
67.8153

■ 41.1834, 52.3321,
35.2882

■ 65.2630, 63.7372,
81.9725

■ 36.8630, 50.2720,
27.5331

■ 73.1042, 67.4353,
97.8913

■ 33.1684, 48.5038,
21.1951

■ 79.5190, 70.6126,
104.0462

■ 30.0693, 47.0138,
16.1884

■ 80.6471, 71.1941,
104.0990

■ 27.5327, 45.7869,
12.4179

■ 25.5219, 44.8067,
9.7758

■ 23.9956, 44.0546,
8.1358

■ 22.8997, 43.5067,
7.3141

Harmonies

Analogous

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



53.4359, 57.3761, 52.6591



51.8114, 57.3761, 55.3576



50.9259, 57.3761, 60.0585

Triad

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



51.8114, 57.3761, 55.3576



53.6846, 57.3761, 73.6511



58.2387, 57.3761, 59.3590

Complementary

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



51.8114, 57.3761, 55.3576



52.1053, 51.9961, 63.7929

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.



58.3092, 57.3761, 64.9510



51.8114, 57.3761, 55.3576



55.6476, 57.3761, 73.4358

Square

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



51.8114, 57.3761, 55.3576



51.9897, 57.3761, 70.7448



57.3509, 57.3761, 70.1730



57.1605, 57.3761, 54.8722

Rectangle

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



51.8114, 57.3761, 55.3576



50.8595, 57.3761, 63.7989



57.3509, 57.3761, 70.1730



58.3819, 57.3761, 61.1652

Sweetspot

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



51.8130, 57.3786, 55.3589



92.8462, 98.9575, 104.5675



54.0240, 57.1338, 55.1951



19.8960, 21.1919, 22.4271



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.



51.8130, 57.3786, 55.3589



85.5206, 95.4891, 90.3050



51.2552, 57.0408, 57.6001



11.3264, 12.6701, 11.9281



14.5223, 27.6618, 4.5739



0.8208, 1.4640, 0.2393

Inverse Universe

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



52.1053, 51.9961, 63.7929



86.0819, 85.1497, 106.5063



52.7098, 52.3622, 61.3641



11.4031, 11.2571, 14.1422



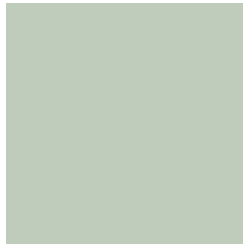
15.2193, 7.0534, 36.5156



0.8519, 0.3983, 1.8869

Previews

White Background



This preview shows how the XYZ color 51.8114, 57.3761, 55.3576 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 51.8114, 57.3761, 55.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

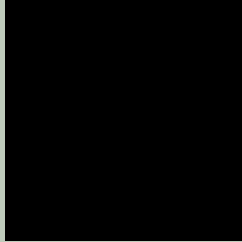
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8114, 57.3761, 55.3576

Background



This preview shows how black text looks on a background with the XYZ color 51.8114, 57.3761, 55.3576.



This preview shows how white text looks on a background with the XYZ color 51.8114, 57.3761,

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

51.8114, 57.3761, 55.3576

Protanopia

54.6340, 57.4714, 54.1125

Deuteranopia

58.1591, 56.9030, 56.0622



Tritanopia

55.1948, 57.3552, 72.4516

Trichromacy



Original Color

51.8114, 57.3761, 55.3576

Protanomaly

53.6046, 57.2712, 54.6836

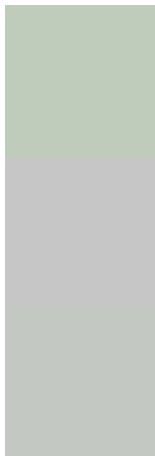
Deuteranomaly

55.6810, 56.9596, 55.6365

Tritanomaly

53.9219, 57.1857, 65.9536

Monochromacy



Original Color

51.8114, 57.3761, 55.3576

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8976, 56.8057, 59.2155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8114, 57.3761, 55.3576 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(191, 203, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 203, 187)  
}
```

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(191, 203, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 203, 187) }
```

Border

The CSS property to change the border of an element to XYZ 51.8114, 57.3761, 55.3576 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(191, 203, 187) }
```


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

```
.border{ border-color:rgb(191, 203, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 203, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 203, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 203, 187);  
box-shadow:4px 4px 4px 4px rgb(191, 203,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8114, 57.3761, 55.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 203, 187) }
```

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

```
.background{ background-color: rgb(191,  
203, 187) }
```

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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