

Converting Colors

XYZ(50.7801, 57.2101, 54.8214)

Have a look what the booklet for
XYZ(50.7801, 57.2101, 54.8214)
contains.

| | |
|--|----|
| XYZ(50.7055, 57.1700, 54.8168) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(50.7055, 57.1700,
54.8168)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BACCBA |
| RGB | 186, 204, 186 |
| RGB Percent | 73%, 80%, 73% |
| CMY | 0.2706, 0.2000, 0.2706 |
| CMYK | 0.09, 0.00, 0.09, 0.20 |
| HSL | 120°, 15%, 76% |
| HSV | 120°, 9%, 80% |
| XYZ | 50.7055, 57.1700, 54.8168 |
| YIQ | 196.5660, -4.9500, -9.4140 |

Conversions

Conversions Part 2

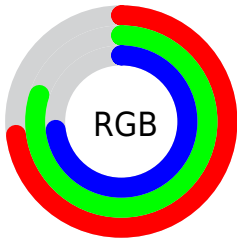
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 186, 204, 204 |
| Decimal | 12242106 |
| CIE Lab | 80.28, -9.46, 6.89 |
| CIE LCh | 80, 11.703, 143.949 |
| Yxy | 57.1700, 0.3117, 0.3514 |
| Android (android.graphics.Color) | 4290432186 (0xFFBACCBA) |
| YUV | 196.5660, -5.2090, -9.2664 |
| Hunter-Lab | 75.6108, -12.6148, 9.9432 |

Details

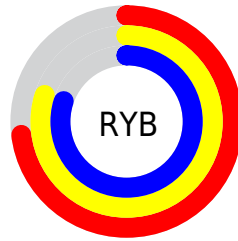
The XYZ color **50.7055, 57.1700, 54.8168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3619, 52.3162, 64.4151**, and the grayscale version is **52.8432, 55.5951, 60.5431**.

A 20% lighter version of the original color is **88.4050, 96.8081, 98.0308**, and **24.8129, 28.4927, 26.3822** is the 20% darker color. If you saturate the color by 10%, you get **44.0827, 53.9904, 43.9827**, and if you desaturate by 10%, it is **58.3487, 60.8431, 67.3173**.

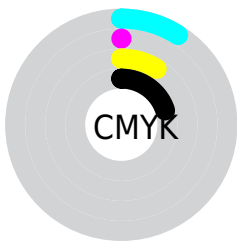
Distribution



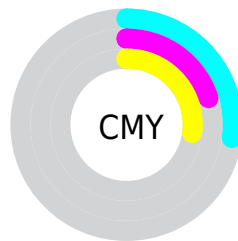
- Red (73%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (80%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7055, 57.1700, 54.8168 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 50.7055, 57.1700, 54.8168 by changing the saturation by 10% instead.

■ 50.7055, 57.1700,
54.8168

■ 50.7055, 57.1700,
54.8168

379.8250,
414.0860, 422.4795

■ 36.1944, 41.1417,
38.8575

■ 90.4049, 100.7132,
98.7409

■ 24.7552, 28.4299,
26.3419

116.3239,
128.9969, 127.5428

■ 16.0225, 18.6499,
16.8515

146.7762,
162.1346, 161.4626

■ 9.6310, 11.4176,
9.9678

182.1272,
200.5106, 200.9189

■ 5.2154, 6.3485,
5.2723

222.7422,
244.5094, 246.3302

■ 2.4102, 3.0581,
2.3464

268.9866,

■ 0.8502, 1.1621,

294.5153, 298.1150

0.7570

321.2258,
350.9127, 356.6919

■ 0.0000, 0.0305,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7055, 57.1700,
54.8168

■ 50.7055, 57.1700,
54.8168

■ 44.0827, 53.9904,
43.9827

■ 58.3487, 60.8431,
67.3173

■ 38.4327, 51.2764,
34.7411

■ 67.0480, 65.0218,
81.5465

■ 33.7112, 49.0085,
27.0182

■ 76.8430, 69.7269,
97.5680

■ 29.8685, 47.1626,
20.7327

■ 80.8840, 71.6679,
104.1780

■ 26.8503, 45.7128,
15.7959

■ 24.5964, 44.6301,
12.1091

■ 23.0383, 43.8817,
9.5605

■ 22.0954, 43.4288,
8.0182

■ 21.6371, 43.2087,
7.2686

Harmonies

Analogous

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



52.4935, 57.1700, 50.9740



50.7055, 57.1700, 54.8168



49.8936, 57.1700, 60.8707

Triad

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



50.7055, 57.1700, 54.8168



53.8552, 57.1700, 76.2812



58.6492, 57.1700, 57.0553

Complementary

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



50.7055, 57.1700, 54.8168



53.3619, 52.3162, 64.4151

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.



59.0396, 57.1700, 63.6467



50.7055, 57.1700, 54.8168



56.2260, 57.1700, 75.0736

Square

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



50.7055, 57.1700, 54.8168



51.6774, 57.1700, 73.5119



58.1407, 57.1700, 70.3231



57.0891, 57.1700, 52.1985

Rectangle

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



50.7055, 57.1700, 54.8168



49.9975, 57.1700, 65.4766



58.1407, 57.1700, 70.3231



58.9235, 57.1700, 59.1281

Sweetspot

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



50.7071, 57.1724, 54.8181



91.0839, 98.0949, 102.4128



55.3602, 59.5712, 55.0357



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



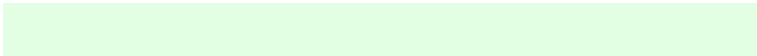
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7071, 57.1724, 54.8181



81.2811, 93.3861, 86.3784



51.6947, 57.5675, 60.0186



11.0681, 12.5370, 11.9160



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



53.3619, 52.3162, 64.4151



86.7454, 83.3908, 106.1316



52.3130, 51.8967, 58.8914



11.6876, 11.4038, 14.1555



22.5334, 10.8239, 36.8570



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 50.7055, 57.1700, 54.8168 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 50.7055, 57.1700, 54.8168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

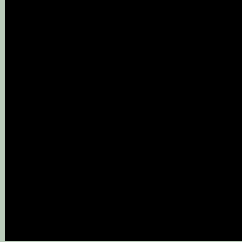
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

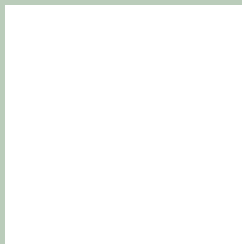
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7055, 57.1700, 54.8168

Background



This preview shows how black text looks on a background with the XYZ color 50.7055, 57.1700, 54.8168.



This preview shows how white text looks on a background with the XYZ color 50.7055, 57.1700,

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

50.7055, 57.1700, 54.8168

Protanopia

54.1949, 56.9289, 52.9317

Deuteranopia

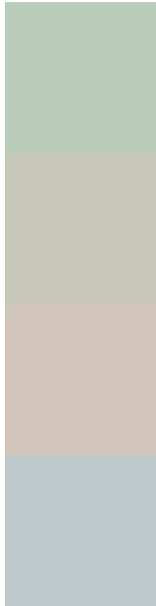
58.0509, 56.8597, 55.4924



Tritanopia

54.5348, 57.3428, 73.1597

Trichromacy



Original Color

50.7055, 57.1700, 54.8168

Protanomaly

52.8592, 56.9114, 53.5464

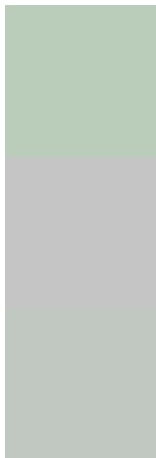
Deuteranomaly

55.0041, 56.6230, 55.0440

Tritanomaly

52.8924, 56.9999, 65.9720

Monochromacy



Original Color

50.7055, 57.1700, 54.8168

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2722, 56.4963, 58.6019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7055, 57.1700, 54.8168 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(186, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 186)  
}
```

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(186, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 186) }
```

Border

The CSS property to change the border of an element to XYZ 50.7055, 57.1700, 54.8168 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(186, 204, 186) }
```


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

```
.border{ border-color:rgb(186, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7055, 57.1700, 54.8168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 186) }
```

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

```
.background{ background-color: rgb(186,  
204, 186) }
```

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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