

Converting Colors

XYZ(50.8348, 57.2868, 52.6350)

Have a look what the booklet for
XYZ(50.8348, 57.2868, 52.6350)
contains.

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Color

**XYZ(50.7754, 57.2545,
52.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCCB6
RGB	188, 204, 182
RGB Percent	74%, 80%, 71%
CMY	0.2627, 0.2000, 0.2863
CMYK	0.08, 0.00, 0.11, 0.20
HSL	104°, 18%, 76%
HSV	104°, 11%, 80%
XYZ	50.7754, 57.2545, 52.6310
YIQ	196.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

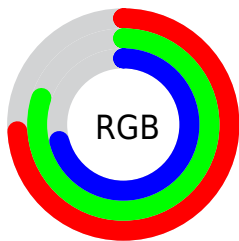
Format	Color
RYB	182, 204, 198
Decimal	12373174
CIELab	80.32, -9.48, 9.11
CIELCh	80, 13.150, 136.132
Yxy	57.2545, 0.3160, 0.3564
Android (android.graphics.Color)	4290563254 (0xFFBCCCB6)
YUV	196.7080, -7.2510, -7.6369
Hunter-Lab	75.6667, -12.6361, 11.7267

Details

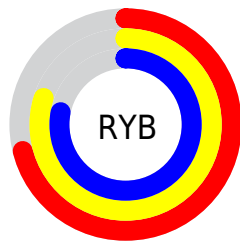
The XYZ color **50.7754, 57.2545, 52.6310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9180, 49.8228, 64.0628**, and the grayscale version is **52.9396, 55.6965, 60.6535**.

A 20% lighter version of the original color is **88.5008, 96.9261, 94.9330**, and **24.8605, 28.5486, 24.9690** is the 20% darker color. If you saturate the color by 10%, you get **45.3499, 54.6853, 42.1619**, and if you desaturate by 10%, it is **56.8871, 60.1452, 64.7379**.

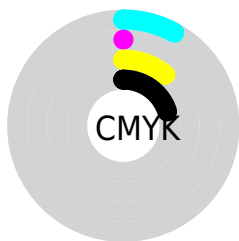
Distribution



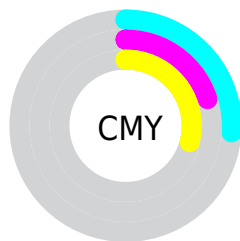
- Red (74%)
- Green (80%)
- Blue (71%)



- Red (71%)
- Yellow (80%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7754, 57.2545, 52.6310 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 50.7754, 57.2545, 52.6310 by changing the saturation by 10% instead.

■ 50.7754, 57.2545,
52.6310

■ 50.7754, 57.2545,
52.6310

380.0926,
414.4023, 413.8939

■ 36.2502, 41.2096,
37.1226

■ 90.5077, 100.8364,
95.4972

■ 24.7985, 28.4829,
25.0059

116.4454,
129.1423, 123.6921

■ 16.0549, 18.6900,
15.8624

146.9181,
162.3039, 156.9528

■ 9.6541, 11.4465,
9.2735

182.2911,
200.7057, 195.6980

■ 5.2307, 6.3680,
4.8208

222.9296,
244.7320, 240.3462

■ 2.4194, 3.0701,
2.0856

269.1992,

■ 0.8548, 1.1684,

294.7673, 291.3158

0.6072

321.4650,
351.1959, 349.0256

■ 0.0000, 0.0357,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7754, 57.2545,
52.6310

■ 50.7754, 57.2545,
52.6310

■ 45.3499, 54.6853,
42.1619

■ 56.8871, 60.1452,
64.7379

■ 40.5813, 52.4192,
33.2567

■ 63.7035, 63.3607,
78.5448

■ 36.4452, 50.4468,
25.8413

■ 71.2484, 66.9134,
94.1152

■ 32.9138, 48.7556,
19.8343

■ 78.1262, 70.2463,
104.0489

■ 29.9569, 47.3320,
15.1463

■ 80.8840, 71.6680,
104.1780

■ 27.5418, 46.1612,
11.6779

■ 25.6318, 45.2269,
9.3154

■ 24.1853, 44.5105,
7.9238

■ 23.2041, 44.0180,
7.2733

Harmonies

Analogous

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



52.9946, 57.2545, 49.1696



50.7754, 57.2545, 52.6310



49.5515, 57.2545, 58.8580

Triad

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



50.7754, 57.2545, 52.6310



53.1887, 57.2545, 77.8507



59.5384, 57.2545, 58.3157

Complementary

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



50.7754, 57.2545, 52.6310



50.9180, 49.8228, 64.0628

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.



59.5946, 57.2545, 65.9575



50.7754, 57.2545, 52.6310



55.8681, 57.2545, 77.6752

Square

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



50.7754, 57.2545, 52.6310



50.9135, 57.2545, 73.6375



58.2322, 57.2545, 73.1761



58.0812, 57.2545, 52.2622

Rectangle

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



50.7754, 57.2545, 52.6310



49.4378, 57.2545, 63.9357



58.2322, 57.2545, 73.1761



59.7234, 57.2545, 60.7719

Sweetspot

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



50.7770, 57.2570, 52.6322



91.8251, 98.4770, 102.4474



53.4885, 56.4988, 52.3430



19.4738, 20.9928, 21.5682



0.0000, 0.0000, 0.0000



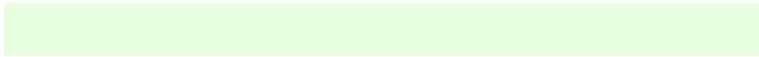
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7770, 57.2570, 52.6322



81.8439, 93.7564, 82.7850



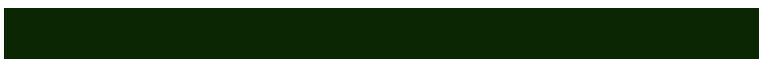
49.8307, 56.7112, 55.2041



11.3503, 12.6825, 11.9292



14.6816, 27.7440, 4.5813



0.8317, 1.4696, 0.2398

Inverse Universe

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



50.9180, 49.8228, 64.0628



82.1238, 78.9687, 105.5218



51.9678, 50.4291, 61.1722



11.3776, 11.2440, 14.1410



14.6829, 6.7769, 36.4905



0.8279, 0.3859, 1.8858

Previews

White Background



This preview shows how the XYZ color 50.7754, 57.2545, 52.6310 looks on a white background.

Color Contrast Check

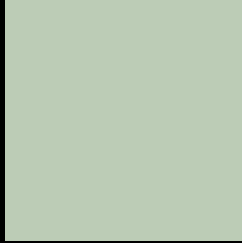
Large Text (above 18pt) WCAG AA × Fail

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 50.7754, 57.2545, 52.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

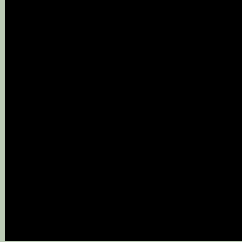
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

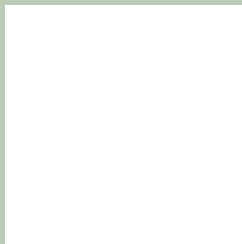
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7754, 57.2545, 52.6310

Background



This preview shows how black text looks on a background with the XYZ color 50.7754, 57.2545, 52.6310.



This preview shows how white text looks on a background with the XYZ color 50.7754, 57.2545,

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

50.7754, 57.2545, 52.6310

Protanopia

54.0629, 56.9082, 50.7828

Deuteranopia

58.2418, 57.0073, 53.2812



Tritanopia

54.6815, 57.0906, 72.4275

Trichromacy



Original Color

50.7754, 57.2545, 52.6310

Protanomaly

52.7119, 56.8832, 51.3814

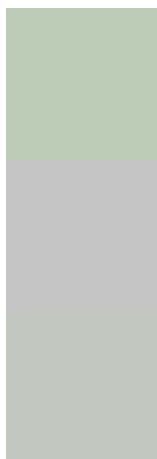
Deuteranomaly

55.1511, 56.7476, 52.8464

Tritanomaly

53.1520, 57.1615, 64.7318

Monochromacy



Original Color

50.7754, 57.2545, 52.6310

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4168, 56.5837, 58.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7754, 57.2545, 52.6310 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(188, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 182)  
}
```

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(188, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.7754, 57.2545, 52.6310 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(188, 204, 182) }
```


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

```
.border{ border-color:rgb(188, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 182);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7754, 57.2545, 52.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 182) }
```

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

```
.background{ background-color: rgb(188,  
204, 182) }
```

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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