

Converting Colors

XYZ(50.9267, 54.3714, 58.3304)

Have a look what the booklet for
XYZ(50.9267, 54.3714, 58.3304)
contains.

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Color

**XYZ(50.8514, 54.4065,
58.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC4C1
RGB	191, 196, 193
RGB Percent	75%, 77%, 76%
CMY	0.2510, 0.2314, 0.2431
CMYK	0.03, 0.00, 0.02, 0.23
HSL	144°, 4%, 76%
HSV	144°, 3%, 77%
XYZ	50.8514, 54.4065, 58.2734
YIQ	194.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

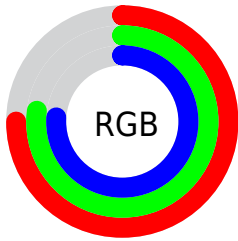
Format	Color
RYB	191, 195, 196
Decimal	12567745
CIELab	78.70, -2.28, 0.89
CIELCh	79, 2.445, 158.594
Yxy	54.4065, 0.3110, 0.3327
Android (android.graphics.Color)	4290757825 (0xFFBFC4C1)
YUV	194.1630, -0.5734, -2.7740
Hunter-Lab	73.7608, -6.0217, 4.7915

Details

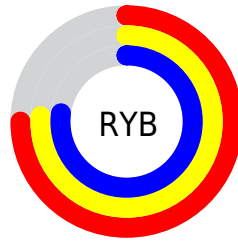
The XYZ color **50.8514, 54.4065, 58.2734** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1354, 52.8937, 58.5560**, and the grayscale version is **51.3801, 54.0559, 58.8668**.

A 20% lighter version of the original color is **90.5819, 96.8643, 103.5450**, and **24.8879, 26.6427, 28.6418** is the 20% darker color. If you saturate the color by 10%, you get **44.9878, 51.5309, 51.4186**, and if you desaturate by 10%, it is **57.4822, 57.6686, 65.7114**.

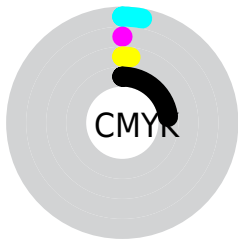
Distribution



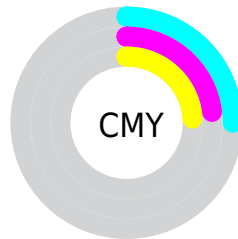
- Red (75%)
- Green (77%)
- Blue (76%)



- Red (75%)
- Yellow (76%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8514, 54.4065, 58.2734 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 50.8514, 54.4065, 58.2734 by changing the saturation by 10% instead.

■ 50.8514, 54.4065,
58.2734

■ 50.8514, 54.4065,
58.2734

380.3833,
403.6582, 435.8306

■ 36.3109, 38.9267,
41.6123

■ 90.6194, 96.6708,
103.8396

■ 24.8456, 26.7027,
28.4746

116.5776,
124.2242, 133.5818

■ 16.0902, 17.3501,
18.4415

147.0724,
156.5709, 168.5215

■ 9.6793, 10.4844,
11.0947

182.4692,
194.0954, 209.0771

■ 5.2474, 5.7213,
6.0156

223.1334,
237.1819, 255.6673

■ 2.4294, 2.6764,
2.7856

269.4302,

■ 0.8598, 0.9652,

286.2150, 308.7106

0.9862

321.7251,
341.5789, 368.6255

■ 0.0000, 0.0000,
0.0000

■ 50.8514, 54.4065,
58.2734

■ 50.8514, 54.4065,
58.2734

■ 44.9878, 51.5309,
51.4186

■ 57.4822, 57.6686,
65.7114

■ 39.8583, 49.0204,
45.1296

■ 64.9026, 61.3239,
73.7426

■ 35.4343, 46.8622,
39.3930

■ 73.1394, 65.3875,
82.3811

■ 31.6833, 45.0397,
34.1937

■ 76.7184, 67.0369,
91.3821

■ 28.5704, 43.5352,
29.5159

■ 78.5243, 67.7593,
100.8919

■ 26.0573, 42.3294,
25.3431

■ 79.0310, 67.9620,
103.5603

■ 24.1013, 41.4006,
21.6577

■ 22.6536, 40.7240,
18.4410

■ 21.6565, 40.2702,
15.6731

Harmonies

Analogous

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



51.1342, 54.4065, 57.1836



50.8514, 54.4065, 58.2734



50.7983, 54.4065, 59.6380

Triad

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



50.8514, 54.4065, 58.2734



51.8507, 54.4065, 61.9101



52.4415, 54.4065, 57.5948

Complementary

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



50.8514, 54.4065, 58.2734



51.1354, 52.8937, 58.5560

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.



52.6360, 54.4065, 58.8426



50.8514, 54.4065, 58.2734



52.2936, 54.4065, 61.3439

Square

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



50.8514, 54.4065, 58.2734



51.3733, 54.4065, 61.7519



52.5817, 54.4065, 60.2161



52.0516, 54.4065, 56.7961

Rectangle

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



50.8514, 54.4065, 58.2734



50.9001, 54.4065, 60.5223



52.5817, 54.4065, 60.2161



52.5320, 54.4065, 57.9748

Sweetspot

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



50.8529, 54.4088, 58.2746



93.8726, 99.4214, 107.5637



51.4155, 54.7244, 57.1439



20.1050, 21.2864, 23.0372



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.



50.8529, 54.4088, 58.2746



91.5607, 98.2856, 104.9236



51.1252, 54.5177, 59.7081



10.8283, 11.6778, 12.4084



13.6155, 25.7403, 9.1342



0.6223, 1.1258, 0.5738

Inverse Universe

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



51.1354, 52.8937, 58.5560



92.1694, 95.0204, 105.5301



50.8657, 52.7859, 57.1362



10.9171, 11.2014, 12.4969



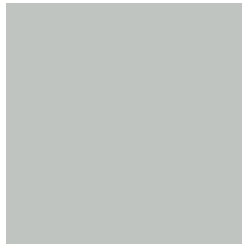
16.7587, 8.3932, 11.9071



0.7574, 0.3760, 0.6897

Previews

White Background



This preview shows how the XYZ color 50.8514, 54.4065, 58.2734 looks on a white background.

Color Contrast Check

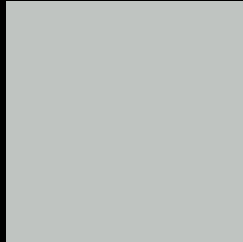
Large Text (above 18pt) WCAG AA × Fail

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 50.8514, 54.4065, 58.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

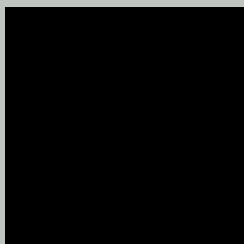
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

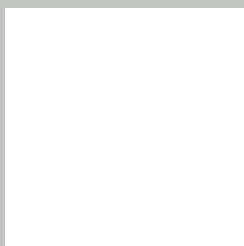
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8514, 54.4065, 58.2734

Background



This preview shows how black text looks on a background with the XYZ color 50.8514, 54.4065, 58.2734.



This preview shows how white text looks on a background with the XYZ color 50.8514, 54.4065,

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

50.8514, 54.4065, 58.2734

Protanopia

52.3594, 54.5315, 57.6352

Deuteranopia

55.2741, 54.0527, 59.1497



Tritanopia

52.7927, 54.5245, 68.0634

Trichromacy



Original Color

50.8514, 54.4065, 58.2734

Protanomaly

51.7945, 54.5717, 57.6727

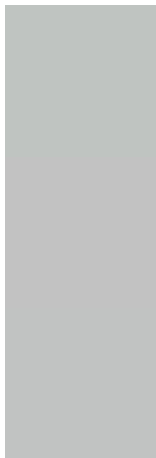
Deuteranomaly

53.5452, 54.1358, 58.6660

Tritanomaly

52.0328, 54.5485, 64.2864

Monochromacy



Original Color

50.8514, 54.4065, 58.2734

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2450, 54.2627, 58.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8514, 54.4065, 58.2734 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, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 193)  
}
```

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, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.8514, 54.4065, 58.2734 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, 196, 193) }
```


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

```
.border{ border-color:rgb(191, 196, 193) }
```

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

Here you see how a box with a 4 pixel rgb(191, 196, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8514, 54.4065, 58.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 193) }
```

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

```
.background{ background-color: rgb(191,  
196, 193) }
```

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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