

Converting Colors

XYZ(50.8250, 54.5952, 57.2841)

Have a look what the booklet for
XYZ(50.8250, 54.5952, 57.2841)
contains.

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Color

**XYZ(50.8561, 54.7705,
57.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5BF
RGB	191, 197, 191
RGB Percent	75%, 77%, 75%
CMY	0.2510, 0.2274, 0.2510
CMYK	0.03, 0.00, 0.03, 0.23
HSL	120°, 5%, 76%
HSV	120°, 3%, 77%
XYZ	50.8561, 54.7705, 57.1816
YIQ	194.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

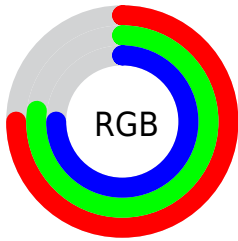
Format	Color
RYB	191, 197, 197
Decimal	12567999
CIELab	78.91, -3.17, 2.28
CIElCh	79, 3.904, 144.338
Yxy	54.7705, 0.3124, 0.3364
Android (android.graphics.Color)	4290758079 (0xFFBFC5BF)
YUV	194.5220, -1.7363, -3.0888
Hunter-Lab	74.0071, -6.8510, 5.9945

Details

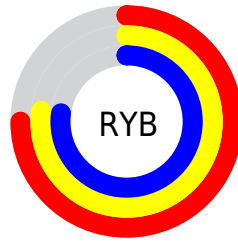
The XYZ color **50.8561, 54.7705, 57.1816** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7368, 53.1645, 60.3610**, and the grayscale version is **51.5996, 54.2867, 59.1183**.

A 20% lighter version of the original color is **90.5881, 97.3732, 102.0161**, and **24.8911, 26.8832, 27.9218** is the 20% darker color. If you saturate the color by 10%, you get **44.2070, 51.5782, 46.3047**, and if you desaturate by 10%, it is **58.4664, 58.4277, 69.6280**.

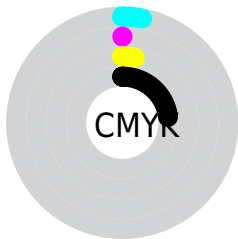
Distribution



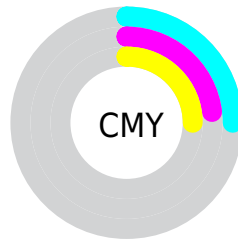
- Red (75%)
- Green (77%)
- Blue (75%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8561, 54.7705, 57.1816 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 50.8561, 54.7705, 57.1816 by changing the saturation by 10% instead.

■ 50.8561, 54.7705,
57.1816

■ 50.8561, 54.7705,
57.1816

380.4013,
405.0414, 431.6422

■ 36.3147, 39.2180,
40.7407

■ 90.6263, 97.2046,
102.2331

■ 24.8486, 26.9294,
27.7984

116.5858,
124.8550, 131.6808

■ 16.0924, 17.5202,
17.9360

147.0820,
157.3069, 166.3011

■ 9.6808, 10.6061,
10.7351

182.4802,
194.9446, 206.5127

■ 5.2485, 5.8026,
5.7771

223.1460,
238.1524, 252.7341

■ 2.4300, 2.7254,
2.6434

269.4445,

■ 0.8601, 0.9901,

287.3150, 305.3838

0.9147

321.7412,
342.8165, 364.8803

■ 0.0000, 0.0000,
0.0000

■ 50.8561, 54.7705,
57.1816

■ 50.8561, 54.7705,
57.1816

■ 44.2070, 51.5782,
46.3047

■ 58.4664, 58.4277,
69.6280

■ 38.4765, 48.8255,
36.9315

■ 67.0690, 62.5600,
83.6989

■ 33.6256, 46.4954,
28.9970

■ 76.6996, 67.1861,
99.4510

■ 29.6107, 44.5669,
22.4300

■ 79.2573, 68.4147,
103.6358

■ 26.3848, 43.0173,
17.1534

■ 23.8958, 41.8217,
13.0821

■ 22.0857, 40.9522,
10.1212

■ 20.8875, 40.3767,
8.1612

■ 20.2210, 40.0565,
7.0709

Harmonies

Analogous

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



51.4459, 54.7705, 55.8304



50.8561, 54.7705, 57.1816



50.5885, 54.7705, 59.2156

Triad

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



50.8561, 54.7705, 57.1816



51.9108, 54.7705, 63.9852



53.4276, 54.7705, 57.8938

Complementary

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



50.8561, 54.7705, 57.1816



51.7368, 53.1645, 60.3610

Split Complementary

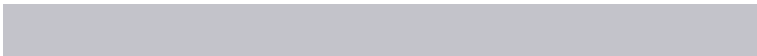
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.5551, 54.7705, 60.0579



50.8561, 54.7705, 57.1816



52.6744, 54.7705, 63.6102

Square

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



50.8561, 54.7705, 57.1816



51.1936, 54.7705, 63.1716



53.2781, 54.7705, 62.1592



52.9315, 54.7705, 56.2344

Rectangle

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



50.8561, 54.7705, 57.1816



50.6270, 54.7705, 60.6991



53.2781, 54.7705, 62.1592



53.5152, 54.7705, 58.5849

Sweetspot

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



50.8576, 54.7728, 57.1828



93.7102, 99.3564, 106.7085



52.3986, 55.5673, 57.2548



20.0720, 21.2731, 22.8631



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.



50.8576, 54.7728, 57.1828



89.7974, 97.4769, 100.3086



51.1914, 54.9064, 58.9406



11.2117, 12.2309, 12.4723



13.1328, 26.2655, 4.3778



0.6218, 1.2437, 0.2073

Inverse Universe

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



51.7368, 53.1645, 60.3610



91.8819, 93.6638, 107.8437



51.3962, 53.0283, 58.5673



11.5139, 11.6781, 13.5647



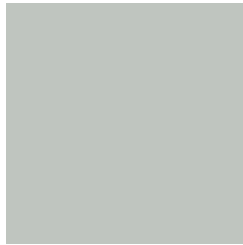
21.7735, 10.4590, 35.6127



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 50.8561, 54.7705, 57.1816 looks on a white background.

Color Contrast Check

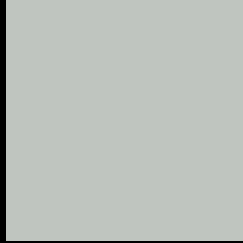
Large Text (above 18pt) WCAG AA × Fail

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 50.8561, 54.7705, 57.1816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

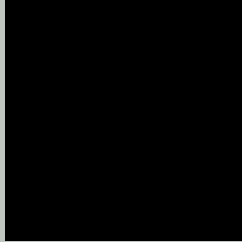
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

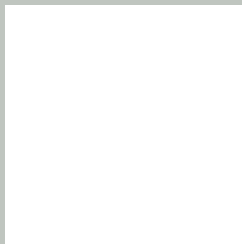
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8561, 54.7705, 57.1816

Background



This preview shows how black text looks on a background with the XYZ color 50.8561, 54.7705, 57.1816.



This preview shows how white text looks on a background with the XYZ color 50.8561, 54.7705,

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

50.8561, 54.7705, 57.1816

Protanopia

52.4055, 54.5806, 56.4882

Deuteranopia

55.8476, 54.6925, 58.0653



Tritanopia

53.1728, 54.7061, 68.7296

Trichromacy



Original Color

50.8561, 54.7705, 57.1816

Protanomaly

51.8353, 54.6182, 56.5256

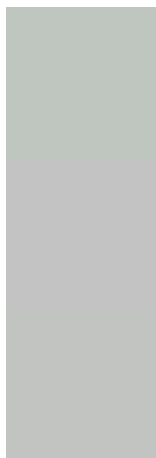
Deuteranomaly

53.8177, 54.6269, 57.5767

Tritanomaly

52.2869, 54.6795, 64.2983

Monochromacy



Original Color

50.8561, 54.7705, 57.1816

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7257, 54.8442, 58.8987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8561, 54.7705, 57.1816 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, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 191)  
}
```

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, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 191) }
```

Border

The CSS property to change the border of an element to XYZ 50.8561, 54.7705, 57.1816 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, 197, 191) }
```


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

```
.border{ border-color:rgb(191, 197, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8561, 54.7705, 57.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 191) }
```

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

```
.background{ background-color: rgb(191,  
197, 191) }
```

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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