

Converting Colors

XYZ(51.1733, 54.4522, 54.9498)

Have a look what the booklet for
XYZ(51.1733, 54.4522, 54.9498)
contains.

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Color

**XYZ(50.9904, 54.2202,
54.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C3BB
RGB	195, 195, 187
RGB Percent	76%, 76%, 73%
CMY	0.2353, 0.2353, 0.2667
CMYK	0.00, 0.00, 0.04, 0.24
HSL	60°, 6%, 75%
HSV	60°, 4%, 76%
XYZ	50.9904, 54.2202, 54.7918
YIQ	194.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

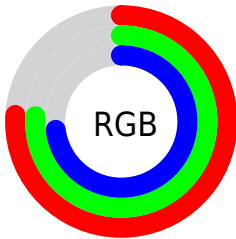
Format	Color
RYB	187, 195, 187
Decimal	12829627
CIELab	78.59, -1.44, 4.01
CIELCh	79, 4.257, 109.776
Yxy	54.2202, 0.3187, 0.3389
Android (android.graphics.Color)	4291019707 (0xFFC3C3BB)
YUV	194.0880, -3.4944, 0.7998
Hunter-Lab	73.6344, -5.2523, 7.4260

Details

The XYZ color **50.9904, 54.2202, 54.7918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1164, 50.0471, 58.7567**, and the grayscale version is **51.3505, 54.0247, 58.8329**.

A 20% lighter version of the original color is **91.1329, 96.7873, 98.6726**, and **24.8125, 26.4337, 26.3487** is the 20% darker color. If you saturate the color by 10%, you get **49.0411, 53.4419, 44.5331**, and if you desaturate by 10%, it is **53.2263, 55.1166, 66.5460**.

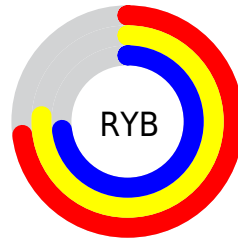
Distribution



Red (76%)

Green (76%)

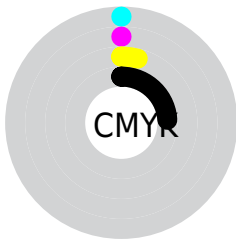
Blue (73%)



Red (73%)

Yellow (76%)

Blue (73%)

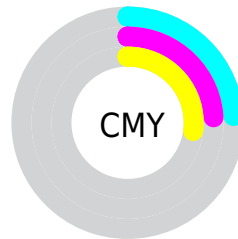


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9904, 54.2202, 54.7918 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 50.9904, 54.2202, 54.7918 by changing the saturation by 10% instead.

■ 50.9904, 54.2202,
54.7918

■ 50.9904, 54.2202,
54.7918

380.9148,
402.9491, 422.3819

■ 36.4220, 38.7777,
38.8376

■ 90.8237, 96.3975,
98.7039

■ 24.9319, 26.5869,
26.3265

116.8192,
123.9011, 127.4989

■ 16.1548, 17.2632,
16.8401

147.3545,
156.1939, 161.4113

■ 9.7253, 10.4223,
9.9598

182.7949,
193.6602, 200.8595

■ 5.2781, 5.6799,
5.2671

223.5058,
236.6845, 246.2621

■ 2.4477, 2.6514,
2.3433

269.8525,

■ 0.8690, 0.9526,

285.6512, 298.0377

0.7553

322.2004,
340.9446, 356.6048

■ 0.0000, 0.0000,
0.0000

■ 50.9904, 54.2202,
54.7918

■ 50.9904, 54.2202,
54.7918

■ 49.0411, 53.4419,
44.5331

■ 53.2263, 55.1166,
66.5460

■ 47.3624, 52.7702,
35.7066

■ 55.7550, 56.1283,
79.8485

■ 45.9438, 52.2024,
28.2496

■ 58.5880, 57.2619,
94.7540

■ 44.7723, 51.7336,
22.0937

■ 60.0822, 57.8598,
102.6091

■ 43.8337, 51.3578,
17.1642

■ 60.0847, 57.8611,
102.6092

■ 43.1125, 51.0690,
13.3791

■ 60.0872, 57.8624,
102.6094

■ 42.5910, 50.8602,
10.6465

■ 60.0897, 57.8637,
102.6095

■ 42.2493, 50.7232,
8.8599

■ 60.0923, 57.8650,
102.6096

■ 42.0628, 50.6483,
7.8911

■ 60.0948, 57.8663,
102.6097

Harmonies

Analogous

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



51.8218, 54.2202, 54.6024



50.9904, 54.2202, 54.7918



50.3119, 54.2202, 56.1009

Triad

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



50.9904, 54.2202, 54.7918



50.4991, 54.2202, 62.6375



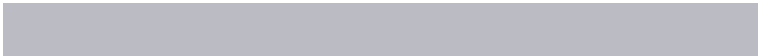
53.1398, 54.2202, 59.8611

Complementary

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



50.9904, 54.2202, 54.7918



48.1164, 50.0471, 58.7567

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.



52.7771, 54.2202, 62.0729



50.9904, 54.2202, 54.7918



51.2486, 54.2202, 63.7045

Square

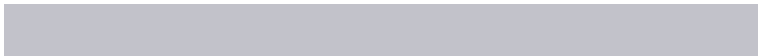
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.9904, 54.2202, 54.7918



50.0304, 54.2202, 60.6147



52.0828, 54.2202, 63.4951



53.0688, 54.2202, 57.4861

Rectangle

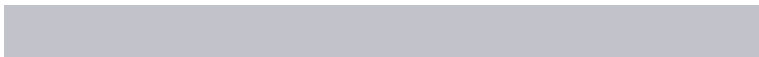
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.9904, 54.2202, 54.7918



50.0346, 54.2202, 57.4526



52.0828, 54.2202, 63.4951



53.0644, 54.2202, 60.6494

Sweetspot

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



50.9919, 54.2225, 54.7930



92.5031, 97.5806, 104.3407



49.2474, 50.7319, 54.2112



20.2615, 21.3709, 22.8720



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.



50.9919, 54.2225, 54.7930



90.9602, 96.9632, 96.2254



49.9727, 53.6971, 54.7453



11.0763, 11.8235, 11.6154



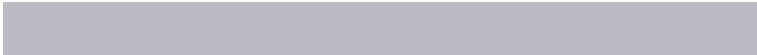
27.2952, 32.9000, 4.9117



1.1795, 1.4216, 0.2122

Inverse Universe

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



48.1164, 50.0471, 58.7567



84.6302, 87.7717, 104.9509



49.1082, 50.5584, 58.8031



10.2246, 10.5868, 12.7894



6.4032, 2.5614, 33.7135



0.2768, 0.1108, 1.4567

Previews

White Background



This preview shows how the XYZ color 50.9904, 54.2202, 54.7918 looks on a white background.

Color Contrast Check

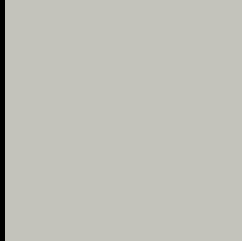
Large Text (above 18pt) WCAG AA × Fail

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 50.9904, 54.2202, 54.7918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

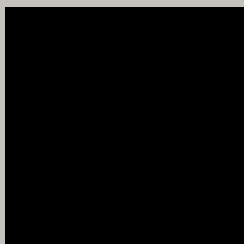
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

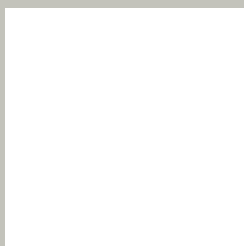
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9904, 54.2202, 54.7918

Background



This preview shows how black text looks on a background with the XYZ color 50.9904, 54.2202, 54.7918.

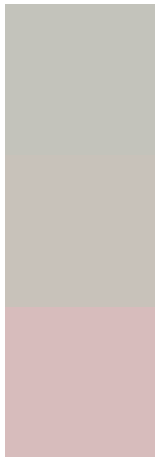


This preview shows how white text looks on a background with the XYZ color 50.9904, 54.2202,

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

50.9904, 54.2202, 54.7918

Protanopia

51.9741, 54.4081, 54.2169

Deuteranopia

55.0847, 54.0444, 55.1053



Tritanopia

53.4008, 54.2100, 66.6805

Trichromacy



Original Color

50.9904, 54.2202, 54.7918

Protanomaly

51.4434, 54.1345, 54.1920

Deuteranomaly

53.7203, 54.3023, 55.2270

Tritanomaly

52.5212, 54.1804, 62.3333

Monochromacy



Original Color

50.9904, 54.2202, 54.7918

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9439, 53.8145, 56.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9904, 54.2202, 54.7918 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(195, 195, 187) looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 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(195, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 187) }
```

Border

The CSS property to change the border of an element to XYZ 50.9904, 54.2202, 54.7918 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(195, 195, 187) }
```


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

```
.border{ border-color:rgb(195, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 187); box-shadow:4px 4px 4px 4px rgb(195, 195, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9904, 54.2202, 54.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 187) }
```

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

```
.background{ background-color: rgb(195,  
195, 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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