

Converting Colors

XYZ(50.3450, 54.4583, 52.5619)

Have a look what the booklet for
XYZ(50.3450, 54.4583, 52.5619)
contains.

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Color

**XYZ(50.5058, 54.6889,
52.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C5B7
RGB	193, 197, 183
RGB Percent	76%, 77%, 72%
CMY	0.2431, 0.2274, 0.2823
CMYK	0.02, 0.00, 0.07, 0.23
HSL	77°, 11%, 75%
HSV	77°, 7%, 77%
XYZ	50.5058, 54.6889, 52.6938
YIQ	194.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

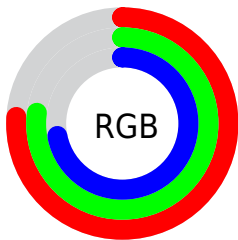
Format	Color
R_{YB}	183, 197, 187
Decimal	12699063
CIE _{Lab}	78.86, -3.90, 6.53
CIE _{LCh}	79, 7.609, 120.860
Yxy	54.6889, 0.3199, 0.3464
Android (android.graphics.Color)	4290889143 (0xFFC1C5B7)
YUV	194.2080, -5.5255, -1.0594
Hunter-Lab	73.9519, -7.5086, 9.5198

Details

The XYZ color **50.5058, 54.6889, 52.6938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5072, 48.4645, 59.6770**, and the grayscale version is **51.4334, 54.1120, 58.9280**.

A 20% lighter version of the original color is **90.0887, 97.2554, 95.6853**, and **24.4992, 26.7456, 24.9903** is the 20% darker color. If you saturate the color by 10%, you get **47.1889, 53.2011, 42.5736**, and if you desaturate by 10%, it is **54.1675, 56.3244, 64.3306**.

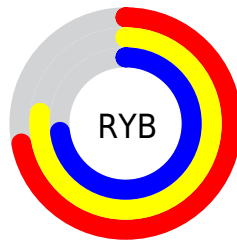
Distribution



Red (76%)

Green (77%)

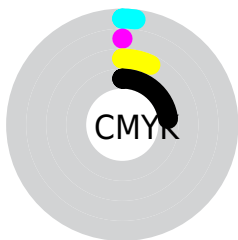
Blue (72%)



Red (72%)

Yellow (77%)

Blue (73%)

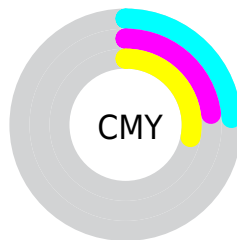


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5058, 54.6889, 52.6938 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 50.5058, 54.6889, 52.6938 by changing the saturation by 10% instead.

■ 50.5058, 54.6889,
52.6938

■ 50.5058, 54.6889,
52.6938

379.0600,
404.7316, 414.1422

■ 36.0349, 39.1527,
37.1723

■ 90.1112, 97.0850,
95.5906

■ 24.6314, 26.8785,
25.0441

115.9764,
124.7137, 123.8031

■ 15.9299, 17.4820,
15.8906

146.3704,
157.1420, 157.0829

■ 9.5651, 10.5788,
9.2933

181.6586,
194.7543, 195.8487

■ 5.1716, 5.7843,
4.8335

222.2063,
237.9350, 240.5190

■ 2.3841, 2.7144,
2.0929

268.3788,

■ 0.8372, 0.9845,

287.0685, 291.5123

0.6115

320.5416,
342.5393, 349.2472

0.0000, 0.0000,
0.0000

50.5058, 54.6889,
52.6938

50.5058, 54.6889,
52.6938

47.1889, 53.2011,
42.5736

54.1675, 56.3244,
64.3306

44.1998, 51.8490,
33.9040

58.1813, 58.1054,
77.5393

41.5267, 50.6294,
26.6194

62.5597, 60.0387,
92.3768

39.1553, 49.5367,
20.6477

66.1984, 61.6826,
103.0246

37.0702, 48.5644,
15.9104

67.8867, 62.5529,
103.1037

■ 35.2540, 47.7058,
12.3205

■ 69.6325, 63.4529,
103.1854

■ 33.6876, 46.9529,
9.7798

■ 71.4364, 64.3829,
103.2698

■ 32.3485, 46.2967,
8.1736

■ 73.2990, 65.3431,
103.3569

■ 31.2061, 45.7249,
7.3447

■ 75.2208, 66.3338,
103.4469

Harmonies

Analogous

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



51.9366, 54.6889, 51.6175



50.5058, 54.6889, 52.6938



49.4865, 54.6889, 55.5910

Triad

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



50.5058, 54.6889, 52.6938



50.5799, 54.6889, 67.1049



54.9361, 54.6889, 59.4222

Complementary

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



50.5058, 54.6889, 52.6938



47.5072, 48.4645, 59.6770

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.



54.5562, 54.6889, 63.6862



50.5058, 54.6889, 52.6938



52.0237, 54.6889, 68.2494

Square

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



50.5058, 54.6889, 52.6938



49.5287, 54.6889, 63.9125



53.4829, 54.6889, 66.9699



54.5112, 54.6889, 55.3848

Rectangle

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



50.5058, 54.6889, 52.6938



49.1674, 54.6889, 58.2365



53.4829, 54.6889, 66.9699



54.8982, 54.6889, 60.8768

Sweetspot

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



50.5073, 54.6913, 52.6950



93.7052, 99.4003, 104.6077



49.3384, 50.8175, 52.0089



20.0709, 21.2821, 22.4353



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.



50.5073, 54.6913, 52.6950



89.1994, 97.3856, 90.4772



48.7731, 53.7973, 52.6138



11.2170, 12.2588, 11.3377



20.4067, 30.0153, 4.7180



1.0350, 1.4567, 0.2266

Inverse Universe

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



47.5072, 48.4645, 59.6770



82.3865, 83.2447, 106.3333



49.2530, 49.3645, 59.7587



10.3368, 10.4319, 13.3862



7.7857, 3.2479, 34.9609



0.4416, 0.1914, 1.6588

Previews

White Background



This preview shows how the XYZ color 50.5058, 54.6889, 52.6938 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 50.5058, 54.6889, 52.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

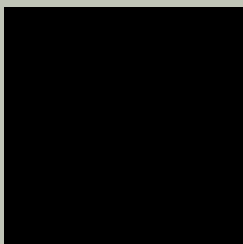
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

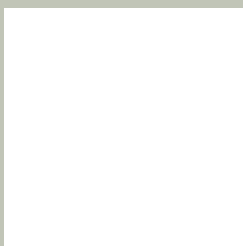
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5058, 54.6889, 52.6938

Background



This preview shows how black text looks on a background with the XYZ color 50.5058, 54.6889, 52.6938.



This preview shows how white text looks on a background with the XYZ color 50.5058, 54.6889,

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

50.5058, 54.6889, 52.6938

Protanopia

52.0924, 54.5175, 52.0333

Deuteranopia

55.6536, 54.3746, 53.4610



Tritanopia

53.4811, 54.5643, 67.3877

Trichromacy



Original Color

50.5058, 54.6889, 52.6938

Protanomaly

51.5118, 54.5497, 52.0702

Deuteranomaly

53.5770, 54.2776, 53.0002

Tritanomaly

52.3655, 54.4429, 61.7814

Monochromacy



Original Color

50.5058, 54.6889, 52.6938

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0575, 54.2173, 56.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5058, 54.6889, 52.6938 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(193, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 183)  
}
```

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(193, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 183) }
```

Border

The CSS property to change the border of an element to XYZ 50.5058, 54.6889, 52.6938 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(193, 197, 183) }
```


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

```
.border{ border-color:rgb(193, 197, 183) }
```

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

Here you see how a box with a 4 pixel rgb(193, 197, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5058, 54.6889, 52.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 183) }
```

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

```
.background{ background-color: rgb(193,  
197, 183) }
```

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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