

Converting Colors

XYZ(50.2795, 54.2362, 52.6184)

Have a look what the booklet for
XYZ(50.2795, 54.2362, 52.6184)
contains.

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Color

**XYZ(50.2795, 54.2362,
52.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C4B7
RGB	193, 196, 183
RGB Percent	76%, 77%, 72%
CMY	0.2431, 0.2314, 0.2823
CMYK	0.02, 0.00, 0.07, 0.23
HSL	74°, 10%, 74%
HSV	74°, 7%, 77%
XYZ	50.2795, 54.2362, 52.6184
YIQ	193.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

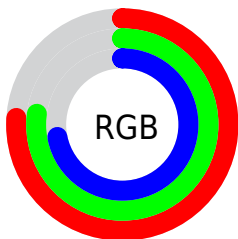
Format	Color
RYB	183, 196, 186
Decimal	12698807
CIELab	78.60, -3.38, 6.15
CIELCh	79, 7.020, 118.758
Yxy	54.2362, 0.3200, 0.3452
Android (android.graphics.Color)	4290888887 (0xFFC1C4B7)
YUV	193.6210, -5.2362, -0.5446
Hunter-Lab	73.6452, -7.0126, 9.1899

Details

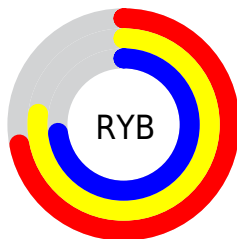
The XYZ color **50.2795, 54.2362, 52.6184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1491, 48.2931, 59.0638**, and the grayscale version is **51.0845, 53.7448, 58.5281**.

A 20% lighter version of the original color is **89.7722, 96.6223, 95.5798**, and **24.3497, 26.4467, 24.9404** is the 20% darker color. If you saturate the color by 10%, you get **47.2438, 52.8923, 42.5583**, and if you desaturate by 10%, it is **53.6377, 55.7166, 64.1789**.

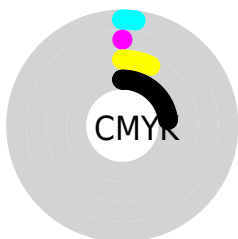
Distribution



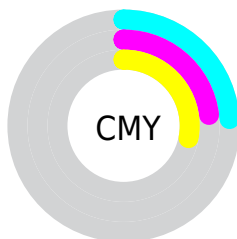
- Red (76%)
- Green (77%)
- Blue (72%)



- 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 50.2795, 54.2362, 52.6184 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 50.2795, 54.2362, 52.6184 by changing the saturation by 10% instead.

■ 50.2795, 54.2362,
52.6184

■ 50.2795, 54.2362,
52.6184

378.1919,
403.0101, 413.8440

■ 35.8542, 38.7905,
37.1126

■ 89.7782, 96.4210,
95.4785

■ 24.4912, 26.5968,
24.9982

115.5824,
123.9289, 123.6698

■ 15.8251, 17.2706,
15.8567

145.9102,
156.2263, 156.9267

■ 9.4905, 10.4276,
9.2696

181.1270,
193.6976, 195.6678

■ 5.1222, 5.6834,
4.8182

221.5983,
236.7273, 240.3115

■ 2.3546, 2.6535,
2.0841

267.6893,

■ 0.8224, 0.9537,

285.6996, 291.2764

0.6063

319.7654,
340.9991, 348.9811

■ 0.0000, 0.0000,
0.0000

■ 50.2795, 54.2362,
52.6184

■ 50.2795, 54.2362,
52.6184

■ 47.2438, 52.8923,
42.5583

■ 53.6377, 55.7166,
64.1789

■ 44.5140, 51.6732,
33.9335

■ 57.3253, 57.3312,
77.2943

■ 42.0791, 50.5759,
26.6795

■ 61.3544, 59.0865,
92.0204

■ 39.9250, 49.5950,
20.7255

■ 64.6868, 60.5673,
102.8890

■ 38.0369, 48.7245,
15.9942

■ 66.0033, 61.2459,
102.9506

■ 36.3982, 47.9576,
12.4001

■ 67.3565, 61.9436,
103.0140

■ 34.9904, 47.2868,
9.8470

■ 68.7469, 62.6604,
103.0790

■ 33.7916, 46.7035,
8.2226

■ 70.1748, 63.3964,
103.1459

■ 32.7735, 46.1963,
7.3789

■ 71.6403, 64.1519,
103.2145

Harmonies

Analogous

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



51.6076, 54.2362, 51.7540



50.2795, 54.2362, 52.6184



49.3068, 54.2362, 55.1868

Triad

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



50.2795, 54.2362, 52.6184



50.1813, 54.2362, 65.8163



54.2578, 54.2362, 59.2194

Complementary

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



50.2795, 54.2362, 52.6184



47.1491, 48.2931, 59.0638

Split Complementary

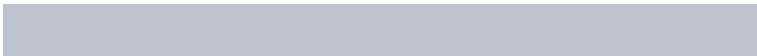
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.8599, 54.2362, 63.0977



50.2795, 54.2362, 52.6184



51.4922, 54.2362, 67.0101

Square

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



50.2795, 54.2362, 52.6184



49.2508, 54.2362, 62.7991



52.8415, 54.2362, 65.9941



53.9194, 54.2362, 55.4609

Rectangle

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



50.2795, 54.2362, 52.6184



48.9823, 54.2362, 57.5799



52.8415, 54.2362, 65.9941



54.2056, 54.2362, 60.5530

Sweetspot

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



50.2810, 54.2386, 52.6196



93.8076, 99.4531, 104.6125



48.8344, 50.1969, 51.9157



20.0917, 21.2928, 22.4363



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.



50.2810, 54.2386, 52.6196



90.2252, 97.8723, 92.4305



48.7051, 53.4262, 52.5458



10.6786, 11.6373, 10.7453



20.9298, 29.6186, 4.6138



0.9612, 1.3090, 0.2020

Inverse Universe

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



47.1491, 48.2931, 59.0638



83.3460, 84.8130, 106.5855



48.7176, 49.1017, 59.1373



9.7412, 9.8577, 12.6741



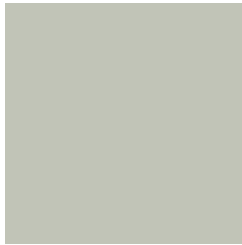
7.1690, 2.9562, 33.7494



0.3725, 0.1601, 1.4611

Previews

White Background



This preview shows how the XYZ color 50.2795, 54.2362, 52.6184 looks on a white background.

Color Contrast Check

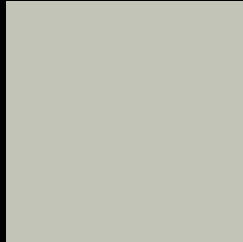
Large Text (above 18pt) WCAG AA × Fail

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 50.2795, 54.2362, 52.6184 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

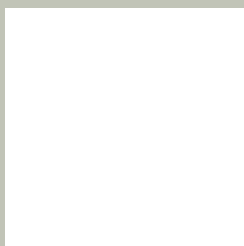
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2795, 54.2362, 52.6184

Background



This preview shows how black text looks on a background with the XYZ color 50.2795, 54.2362, 52.6184.



This preview shows how white text looks on a background with the XYZ color 50.2795, 54.2362,

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

50.2795, 54.2362, 52.6184

Protanopia

51.8227, 54.3785, 52.0207

Deuteranopia

55.3554, 54.2209, 53.4471



Tritanopia

53.2608, 54.1237, 67.3143

Trichromacy



Original Color

50.2795, 54.2362, 52.6184

Protanomaly

51.2473, 54.4134, 52.0578

Deuteranomaly

53.2950, 54.1322, 52.9870

Tritanomaly

52.1437, 53.9992, 61.7075

Monochromacy



Original Color

50.2795, 54.2362, 52.6184

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 50.2795, 54.2362, 52.6184 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, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 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, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 183) }
```

Border

The CSS property to change the border of an element to XYZ 50.2795, 54.2362, 52.6184 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, 196, 183) }
```


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

```
.border{ border-color:rgb(193, 196, 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, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 196, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 196, 183); box-shadow:4px 4px 4px 4px rgb(193, 196, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2795, 54.2362, 52.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 183) }
```

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

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