

Converting Colors

XYZ(50.3493, 52.4297, 50.4066)

Have a look what the booklet for
XYZ(50.3493, 52.4297, 50.4066)
contains.

XYZ(50.2049, 52.2643, 50.6220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.2049, 52.2643,
50.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BEB4
RGB	199, 190, 180
RGB Percent	78%, 75%, 71%
CMY	0.2196, 0.2549, 0.2941
CMYK	0.00, 0.05, 0.10, 0.22
HSL	32°, 15%, 74%
HSV	32°, 10%, 78%
XYZ	50.2049, 52.2643, 50.6220
YIQ	191.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

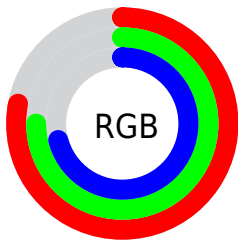
Format	Color
RYB	197, 199, 180
Decimal	13090484
CIELab	77.44, 1.43, 6.16
CIELCh	77, 6.326, 76.980
Yxy	52.2643, 0.3279, 0.3414
Android (android.graphics.Color)	4291280564 (0xFFC7BEB4)
YUV	191.5510, -5.6946, 6.5328
Hunter-Lab	72.2941, -2.5545, 9.0896

Details

The XYZ color **50.2049, 52.2643, 50.6220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3288, 50.2213, 61.2327**, and the grayscale version is **49.8711, 52.4683, 57.1379**.

A 20% lighter version of the original color is **89.3361, 93.2277, 92.6431**, and **24.4535, 25.4434, 23.7009** is the 20% darker color. If you saturate the color by 10%, you get **46.3465, 47.5619, 40.0419**, and if you desaturate by 10%, it is **54.4892, 57.3516, 62.7814**.

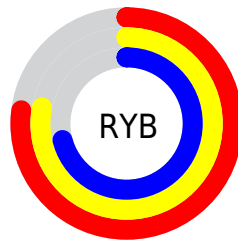
Distribution



Red (78%)

Green (75%)

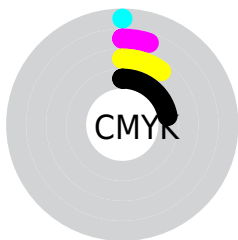
Blue (71%)



Red (77%)

Yellow (78%)

Blue (71%)

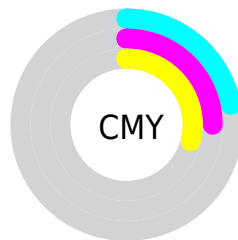


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2049, 52.2643, 50.6220 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 50.2049, 52.2643, 50.6220 by changing the saturation by 10% instead.

■ 50.2049, 52.2643,
50.6220

■ 50.2049, 52.2643,
50.6220

377.9054,
395.4561, 405.8979

■ 35.7947, 37.2158,
35.5332

■ 89.6684, 93.5209,
92.5016

■ 24.4451, 25.3746,
23.7871

115.4524,
120.4978, 120.1294

■ 15.7906, 16.3564,
14.9650

145.7584,
152.2196, 152.7741

■ 9.4660, 9.7767,
8.6485

180.9517,
189.0707, 190.8540

■ 5.1059, 5.2511,
4.4190

221.3977,
231.4355, 234.7879

■ 2.3449, 2.3954,
1.8579

267.4618,

■ 0.8175, 0.8235,

279.6984, 284.9941

0.4657

319.5092,
334.2438, 341.8913

■ 0.0000, 0.0000,
0.0000

■ 50.2049, 52.2643,
50.6220

■ 50.2049, 52.2643,
50.6220

■ 46.3465, 47.5619,
40.0419

■ 54.4892, 57.3516,
62.7814

■ 42.8950, 43.2277,
30.9718

■ 59.2092, 62.8265,
76.5786

■ 39.8359, 39.2536,
23.3424

■ 64.3796, 68.7003,
92.0733

■ 37.1525, 35.6287,
17.0775

■ 69.2632, 74.6817,
105.3722

■ 34.8262, 32.3412,
12.0938

■ 71.9219, 79.9992,
106.2584

■ 32.8369, 29.3785,
8.2986

■ 74.7241, 85.6034,
107.1925

■ 31.1619, 26.7271,
5.5870

■ 77.3635, 90.8823,
108.0723

■ 29.7748, 24.3713,
3.8346

■ 28.6304, 22.2883,
2.8189

Harmonies

Analogous

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



51.2899, 52.2643, 52.1449



50.2049, 52.2643, 50.6220



48.9952, 52.2643, 50.7330

Triad

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



50.2049, 52.2643, 50.6220



47.4703, 52.2643, 58.8873



51.4068, 52.2643, 61.6044

Complementary

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



50.2049, 52.2643, 50.6220



47.3288, 50.2213, 61.2327

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.



50.3624, 52.2643, 63.5625



50.2049, 52.2643, 50.6220



48.0956, 52.2643, 61.9504

Square

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



50.2049, 52.2643, 50.6220



47.4297, 52.2643, 55.4099



49.1501, 52.2643, 63.6917



51.9914, 52.2643, 58.4307

Rectangle

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



50.2049, 52.2643, 50.6220



48.2808, 52.2643, 51.7177



49.1501, 52.2643, 63.6917



51.0971, 52.2643, 62.4322

Sweetspot

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



50.2063, 52.2666, 50.6231



92.6979, 97.2276, 102.1602



49.0804, 48.4675, 55.0176



19.7092, 20.6544, 21.4905



0.0000, 0.0000, 0.0000



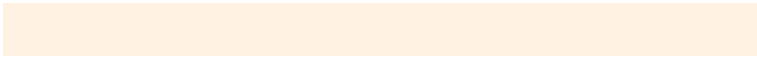
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.2063, 52.2666, 50.6231



86.7666, 90.1400, 85.4625



52.1316, 56.2417, 51.2889



11.0883, 11.5457, 11.2069



18.4670, 14.4512, 1.8160



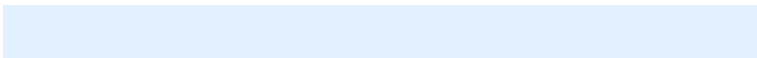
0.9466, 0.8286, 0.1100

Inverse Universe

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



47.3288, 50.2213, 61.2327



80.9411, 85.9994, 106.9412



45.5270, 46.5082, 60.6109



10.4639, 11.1019, 13.5089



9.3020, 7.9979, 35.7978



0.5128, 0.5235, 1.7192

Previews

White Background



This preview shows how the XYZ color 50.2049, 52.2643, 50.6220 looks on a white background.

Color Contrast Check

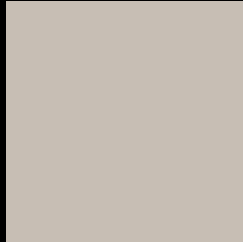
Large Text (above 18pt) WCAG AA × Fail

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 50.2049, 52.2643, 50.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

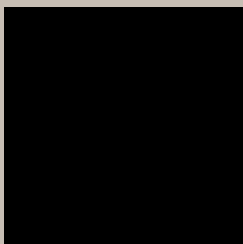
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

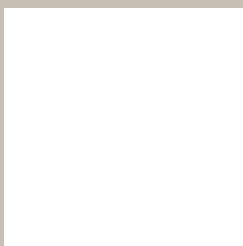
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2049, 52.2643, 50.6220

Background



This preview shows how black text looks on a background with the XYZ color 50.2049, 52.2643, 50.6220.

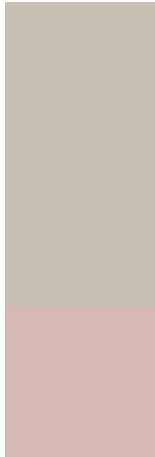


This preview shows how white text looks on a background with the XYZ color 50.2049, 52.2643,

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

50.2049, 52.2643, 50.6220

Protanopia

49.8950, 52.4272, 50.6697

Deuteranopia

53.4210, 52.3303, 51.0012



Tritanopia

52.6701, 52.3143, 62.5800

Trichromacy



Original Color

50.2049, 52.2643, 50.6220

Protanomaly

50.1577, 52.5627, 50.6820

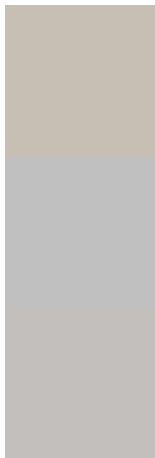
Deuteranomaly

52.4053, 52.4322, 51.0744

Tritanomaly

51.6963, 52.2342, 57.8096

Monochromacy



Original Color

50.2049, 52.2643, 50.6220

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2136, 52.4945, 55.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2049, 52.2643, 50.6220 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(199, 190, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 180)  
}
```

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(199, 190, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 180) }
```

Border

The CSS property to change the border of an element to XYZ 50.2049, 52.2643, 50.6220 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(199, 190, 180) }
```


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

```
.border{ border-color:rgb(199, 190, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 190, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2049, 52.2643, 50.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 180) }
```

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

```
.background{ background-color: rgb(199,  
190, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor