

Converting Colors

XYZ(50.7092, 49.3059, 52.3095)

Have a look what the booklet for
XYZ(50.7092, 49.3059, 52.3095)
contains.

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Color

**XYZ(50.7051, 49.3686,
52.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB4B8
RGB	207, 180, 184
RGB Percent	81%, 71%, 72%
CMY	0.1882, 0.2941, 0.2784
CMYK	0.00, 0.13, 0.11, 0.19
HSL	351°, 22%, 76%
HSV	351°, 13%, 81%
XYZ	50.7051, 49.3686, 52.2040
YIQ	188.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

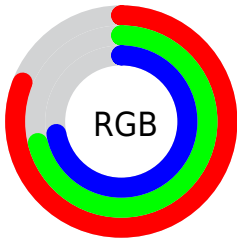
Format	Color
R _Y B	207, 180, 184
Decimal	13612216
CIE Lab	75.68, 10.34, 1.53
CIE LCh	76, 10.456, 8.437
Yxy	49.3686, 0.3330, 0.3242
Android (android.graphics.Color)	4291802296 (0xFFCFB4B8)
YUV	188.5290, -2.2328, 16.1991
Hunter-Lab	70.2628, 5.8545, 5.1325

Details

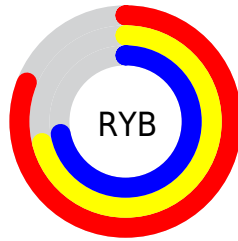
The XYZ color **50.7051, 49.3686, 52.2040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9166, 58.6420, 65.0856**, and the grayscale version is **48.1085, 50.6138, 55.1185**.

A 20% lighter version of the original color is **86.9636, 87.5422, 94.7519**, and **24.6350, 23.4928, 24.7089** is the 20% darker color. If you saturate the color by 10%, you get **45.0995, 40.9334, 41.7763**, and if you desaturate by 10%, it is **57.1681, 59.1485, 64.0558**.

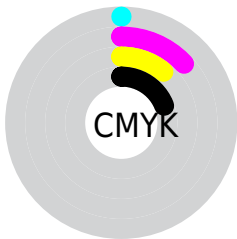
Distribution



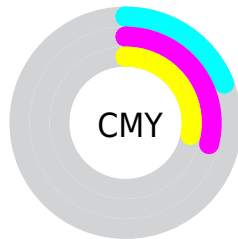
- Red (81%)
- Green (71%)
- Blue (72%)



- Red (81%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7051, 49.3686, 52.2040 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 50.7051, 49.3686, 52.2040 by changing the saturation by 10% instead.


 50.7051, 49.3686,
52.2040

 50.7051, 49.3686,
52.2040


379.8235,
384.1916, 412.2030

 36.1941, 34.9120,
36.7843


 90.4043, 89.2387,
94.8617

 24.7549, 23.5951,
24.7461


116.3232,
115.4209, 122.9368

 16.0223, 15.0335,
15.6707


146.7754,
146.2804, 156.0674

 9.6309, 8.8429,
9.1396

182.1262,
182.2016, 194.6722

 5.2153, 4.6389,
4.7343

222.7411,
223.5690, 239.1696

 2.4102, 2.0370,
2.0362

268.9854,

 0.8502, 0.6288,

270.7668, 289.9781

0.5774

321.2244,
324.1796, 347.5164

■ 0.0000, 0.0000,
0.0000

■ 50.7051, 49.3686,
52.2040

■ 50.7051, 49.3686,
52.2040

■ 45.0995, 40.9334,
41.7763

■ 57.1681, 59.1485,
64.0558

■ 40.3111, 33.7778,
32.7158

■ 64.5181, 70.3215,
77.3793

■ 36.3027, 27.8412,
24.9665

■ 72.7886, 82.9415,
92.2238

■ 33.0325, 23.0554,
18.4674

■ 79.4691, 91.9762,
107.7885

■ 30.4548, 19.3455,
13.1523

■ 79.5424, 92.0055,
108.1743

■ 28.5189, 16.6277,
8.9491

■ 27.1667, 14.8058,
5.7776

■ 26.3294, 13.7644,
3.5464

■ 25.9750, 13.3626,
2.4819

Harmonies

Analogous

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



50.4734, 49.3686, 57.7706



50.7051, 49.3686, 52.2040



49.9018, 49.3686, 47.3915

Triad

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



50.7051, 49.3686, 52.2040



44.6457, 49.3686, 45.8238



45.5677, 49.3686, 64.2977

Complementary

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



50.7051, 49.3686, 52.2040



51.9166, 58.6420, 65.0856

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.



44.0659, 49.3686, 60.6619



50.7051, 49.3686, 52.2040



43.5438, 49.3686, 49.9280

Square

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



50.7051, 49.3686, 52.2040



46.3790, 49.3686, 43.8774



43.3345, 49.3686, 55.3344



47.4720, 49.3686, 65.0115

Rectangle

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



50.7051, 49.3686, 52.2040



48.9002, 49.3686, 45.1673



43.3345, 49.3686, 55.3344



45.0006, 49.3686, 63.3653

Sweetspot

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



50.7065, 49.3708, 52.2050



90.5141, 93.1167, 100.6411



52.2002, 49.8393, 65.9007



19.1967, 19.6625, 21.2181



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.



50.7065, 49.3708, 52.2050



78.2873, 74.6344, 78.1564



52.2664, 53.1516, 50.6872



11.8790, 11.8364, 12.6388



16.3869, 8.4276, 1.6778



0.9396, 0.4806, 0.2167

Inverse Universe

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



50.7065, 49.3708, 52.2050



78.2873, 74.6344, 78.1564



50.1780, 54.3927, 66.8862



11.8790, 11.8364, 12.6388



16.3869, 8.4276, 1.6778



0.9396, 0.4806, 0.2167

Previews

White Background



This preview shows how the XYZ color 50.7051, 49.3686, 52.2040 looks on a white background.

Color Contrast Check

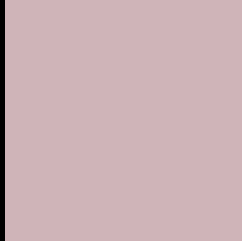
Large Text (above 18pt) WCAG AA × Fail

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 50.7051, 49.3686, 52.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

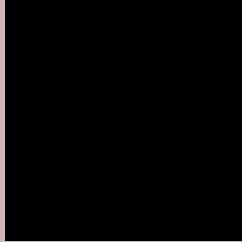
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7051, 49.3686, 52.2040

Background



This preview shows how black text looks on a background with the XYZ color 50.7051, 49.3686, 52.2040.



This preview shows how white text looks on a background with the XYZ color 50.7051, 49.3686,

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

50.7051, 49.3686, 52.2040

Protanopia

47.7638, 49.6528, 54.0802

Deuteranopia

50.6292, 49.6303, 52.2585



Tritanopia

51.7582, 49.5004, 57.2787

Trichromacy



Original Color

50.7051, 49.3686, 52.2040

Protanomaly

48.7684, 49.5619, 53.4504

Deuteranomaly

50.6292, 49.6303, 52.2585

Tritanomaly

51.4268, 49.3678, 55.5337

Monochromacy



Original Color

50.7051, 49.3686, 52.2040

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2935, 50.4414, 54.1518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7051, 49.3686, 52.2040 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(207, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 184)  
}
```

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(207, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.7051, 49.3686, 52.2040 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(207, 180, 184) }
```


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

```
.border{ border-color:rgb(207, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(207, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7051, 49.3686, 52.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 184) }
```

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

```
.background{ background-color: rgb(207,  
180, 184) }
```

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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