

Converting Colors

XYZ(54.6866, 52.0489, 51.4201)

Have a look what the booklet for
XYZ(54.6866, 52.0489, 51.4201)
contains.

XYZ(54.6866, 52.0489, 51.4201)	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(54.6866, 52.0489,
51.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB6B6
RGB	220, 182, 182
RGB Percent	86%, 71%, 71%
CMY	0.1373, 0.2863, 0.2863
CMYK	0.00, 0.17, 0.17, 0.14
HSL	0°, 35%, 79%
HSV	0°, 17%, 86%
XYZ	54.6866, 52.0489, 51.4201
YIQ	193.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

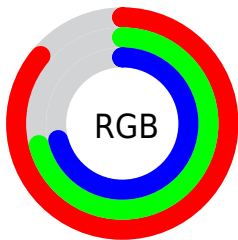
Format	Color
R _Y B	220, 182, 182
Decimal	14464694
CIE Lab	77.31, 13.66, 5.13
CIE LCh	77, 14.597, 20.584
Yxy	52.0489, 0.3458, 0.3291
Android (android.graphics.Color)	4292654774 (0xFFDCB6B6)
YUV	193.3620, -5.6015, 23.3615
Hunter-Lab	72.1449, 9.0512, 8.2435

Details

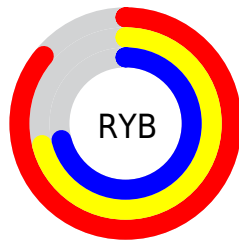
The XYZ color **54.6866, 52.0489, 51.4201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8023, 66.2972, 77.4607**, and the grayscale version is **50.9253, 53.5774, 58.3458**.

A 20% lighter version of the original color is **87.2472, 88.5821, 93.3886**, and **27.1225, 25.1780, 24.1992** is the 20% darker color. If you saturate the color by 10%, you get **48.4328, 42.8981, 38.9857**, and if you desaturate by 10%, it is **62.0082, 62.7626, 65.9738**.

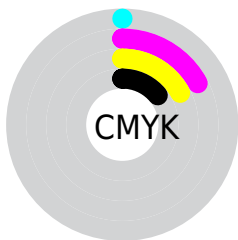
Distribution



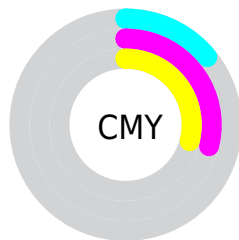
- Red (86%)
- Green (71%)
- Blue (71%)



- Red (86%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6866, 52.0489, 51.4201 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 54.6866, 52.0489, 51.4201 by changing the saturation by 10% instead.


 54.6866, 52.0489,
51.4201

 54.6866, 52.0489,
51.4201


394.8786,
394.6254, 409.0868

 39.3837, 37.0441,
36.1640


 96.2326, 93.2034,
93.6933

 27.2404, 25.2416,
24.2702


123.2065,
120.1217, 121.5475

 17.8914, 16.2571,
15.3201


154.8013,
151.7801, 154.4381

 10.9713, 9.7063,
8.8952

191.3826,
188.5629, 192.7837

 6.1147, 5.2047,
4.5770

233.3156,
230.8544, 237.0029

 2.9562, 2.3678,
1.9469

280.9657,

 1.1307, 0.8093,

279.0390, 287.5141

0.5224

334.6983,
333.5012, 344.7359

■ 0.0505, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6866, 52.0489,
51.4201

■ 54.6866, 52.0489,
51.4201

■ 48.4328, 42.8981,
38.9857

■ 62.0082, 62.7626,
65.9738

■ 43.1928, 35.2305,
28.5689

■ 70.4396, 75.0999,
82.7357

■ 38.9146, 28.9703,
20.0641

■ 80.0258, 89.1270,
101.7935

■ 35.5398, 24.0319,
13.3554

■ 83.3254, 93.9557,
108.3513

■ 33.0035, 20.3205,
8.3138

■ 31.2325, 17.7289,
4.7936

■ 30.1407, 16.1311,
2.6237

■ 29.6136, 15.3596,
1.5762

■ 29.5156, 15.2162,
1.3814

Harmonies

Analogous

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



54.9772, 52.0489, 59.2337



54.6866, 52.0489, 51.4201



52.9703, 52.0489, 45.5708

Triad

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



54.6866, 52.0489, 51.4201



45.4253, 52.0489, 47.4312



48.5949, 52.0489, 73.2933

Complementary

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



54.6866, 52.0489, 51.4201



57.8023, 66.2972, 77.4607

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.



46.1291, 52.0489, 69.4447



54.6866, 52.0489, 51.4201



44.3452, 52.0489, 54.1860

Square

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



54.6866, 52.0489, 51.4201



47.6013, 52.0489, 43.4232



44.5979, 52.0489, 62.2707



51.3889, 52.0489, 72.3749

Rectangle

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



54.6866, 52.0489, 51.4201



51.2831, 52.0489, 43.3332



44.5979, 52.0489, 62.2707



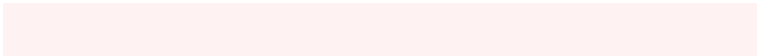
47.7019, 52.0489, 72.5016

Sweetspot

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



54.6880, 52.0513, 51.4212



89.1316, 91.3398, 97.1340



59.1619, 53.8395, 74.9844



18.9067, 19.3000, 20.4504



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.



54.6880, 52.0513, 51.4212



72.8287, 67.4843, 64.7236



58.8459, 60.3669, 52.8071



13.0562, 13.0518, 13.5567



17.3224, 8.9303, 0.8107



1.1223, 0.5786, 0.0525

Inverse Universe

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



57.8023, 66.2972, 77.4607



78.0167, 91.2164, 108.1023



53.0969, 56.8863, 75.8922



13.4448, 14.8294, 16.8059



22.5985, 33.0664, 44.9298



1.4641, 2.1423, 2.9108

Previews

White Background



This preview shows how the XYZ color 54.6866, 52.0489, 51.4201 looks on a white background.

Color Contrast Check

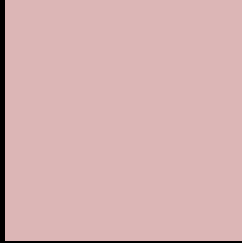
Large Text (above 18pt) WCAG AA × Fail

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 54.6866, 52.0489, 51.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

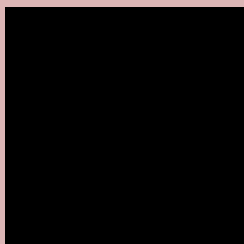
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6866, 52.0489, 51.4201

Background



This preview shows how black text looks on a background with the XYZ color 54.6866, 52.0489, 51.4201.



This preview shows how white text looks on a background with the XYZ color 54.6866, 52.0489, 51.4201.

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

54.6866, 52.0489, 51.4201

Protanopia

50.1480, 52.1505, 54.4367

Deuteranopia

53.1300, 52.1803, 50.9876



Tritanopia

56.1831, 52.0672, 58.1277

Trichromacy



Original Color

54.6866, 52.0489, 51.4201

Protanomaly

51.7041, 52.0226, 53.2152

Deuteranomaly

53.7999, 52.2161, 50.9592

Tritanomaly

55.6369, 52.1376, 55.8464

Monochromacy



Original Color

54.6866, 52.0489, 51.4201

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.0115, 52.7658, 55.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6866, 52.0489, 51.4201 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(220, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(220, 182, 182)  
}
```

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(220, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.6866, 52.0489, 51.4201 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(220, 182, 182) }
```


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

```
.border{ border-color:rgb(220, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(220, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6866, 52.0489, 51.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 182) }
```

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

```
.background{ background-color: rgb(220,  
182, 182) }
```

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