

Converting Colors

XYZ(51.0167, 50.0636, 48.9999)

Have a look what the booklet for
XYZ(51.0167, 50.0636, 48.9999)
contains.

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Color

**XYZ(51.0583, 50.2256,
49.1229)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B6B2
RGB	209, 182, 178
RGB Percent	82%, 71%, 70%
CMY	0.1804, 0.2863, 0.3020
CMYK	0.00, 0.13, 0.15, 0.18
HSL	8°, 25%, 76%
HSV	8°, 15%, 82%
XYZ	51.0583, 50.2256, 49.1229
YIQ	189.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

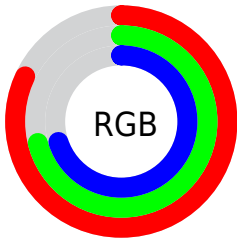
Format	Color
R _Y B	209, 183, 178
Decimal	13743794
CIE Lab	76.21, 9.01, 5.59
CIE LCh	76, 10.600, 31.800
Yxy	50.2256, 0.3395, 0.3339
Android (android.graphics.Color)	4291933874 (0xFFD1B6B2)
YUV	189.6170, -5.7272, 16.9989
Hunter-Lab	70.8700, 4.5778, 8.5127

Details

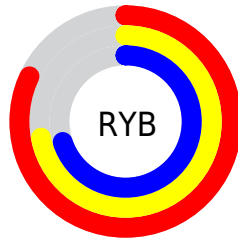
The XYZ color **51.0583, 50.2256, 49.1229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6996, 57.7296, 68.7400**, and the grayscale version is **48.7494, 51.2881, 55.8528**.

A 20% lighter version of the original color is **86.6658, 88.3496, 90.3273**, and **24.8784, 24.0512, 22.7332** is the 20% darker color. If you saturate the color by 10%, you get **45.6296, 42.4743, 37.7370**, and if you desaturate by 10%, it is **57.2940, 59.0783, 62.3563**.

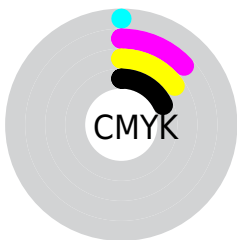
Distribution



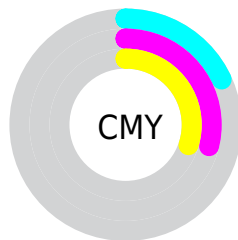
- Red (82%)
- Green (71%)
- Blue (70%)



- Red (82%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0583, 50.2256, 49.1229 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 51.0583, 50.2256, 49.1229 by changing the saturation by 10% instead.


 51.0583, 50.2256,
49.1229

 51.0583, 50.2256,
49.1229


381.1742,
387.5475, 399.8623

 36.4762, 35.5927,
34.3507

 90.9234, 90.5090,
90.2568

 24.9740, 24.1198,
22.8836


116.9372,
116.9284, 117.4556

 16.1863, 15.4225,
14.3031

147.4922,
148.0453, 149.6337

 9.7478, 9.1164,
8.1906

182.9539,
184.2442, 187.2096

 5.2930, 4.8172,
4.1276

223.6876,
225.9095, 230.6019

 2.4567, 2.1404,
1.6956

270.0587,

 0.8735, 0.6872,

273.4255, 280.2291

0.3577

322.4324,
327.1767, 336.5097

■ 0.0000, 0.0000,
0.0000

■ 51.0583, 50.2256,
49.1229

■ 51.0583, 50.2256,
49.1229

■ 45.6296, 42.4743,
37.7370

■ 57.2940, 59.0783,
62.3563

■ 40.9709, 35.7746,
28.1134

■ 64.3635, 69.0660,
77.5111

■ 37.0481, 30.0834,
20.1647

■ 72.2977, 80.2294,
94.6608

■ 33.8234, 25.3514,
13.7949

■ 80.0432, 92.1725,
108.1801

■ 31.2552, 21.5257,
8.8983

■ 80.1046, 92.2954,
108.2006

■ 29.2977, 18.5479,
5.3562

■ 27.8987, 16.3527,
3.0313

■ 26.9970, 14.8653,
1.7570

■ 26.6865, 14.3390,
1.3612

Harmonies

Analogous

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



51.6583, 50.2256, 54.3442



51.0583, 50.2256, 49.1229



49.5657, 50.2256, 45.6019

Triad

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



51.0583, 50.2256, 49.1229



44.4502, 50.2256, 49.6791



47.8580, 50.2256, 66.3656

Complementary

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



51.0583, 50.2256, 49.1229



51.6996, 57.7296, 68.7400

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.



45.9556, 50.2256, 64.9053



51.0583, 50.2256, 49.1229



44.0211, 50.2256, 55.0315

Square

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



51.0583, 50.2256, 49.1229



45.7533, 50.2256, 45.9071



44.5647, 50.2256, 60.6565



49.7791, 50.2256, 64.5209

Rectangle

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



51.0583, 50.2256, 49.1229



48.2848, 50.2256, 44.5588



44.5647, 50.2256, 60.6565



47.1952, 50.2256, 66.2446

Sweetspot

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



51.0597, 50.2278, 49.1240



90.6824, 93.8234, 99.5565



53.2812, 49.8230, 64.8095



19.2391, 19.8405, 20.9450



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.



51.0597, 50.2278, 49.1240



77.0687, 74.4839, 70.7014



54.3236, 56.7557, 50.2119



11.9301, 12.0508, 12.3093



16.4943, 8.9217, 0.8527



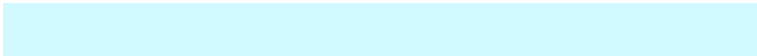
0.9637, 0.5817, 0.0615

Inverse Universe

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



51.6996, 57.7296, 68.7400



78.2705, 88.5854, 107.5811



48.2575, 50.8454, 67.5927



12.0227, 13.1357, 15.1454



17.4616, 23.5697, 40.8216



1.0135, 1.3922, 2.2949

Previews

White Background



This preview shows how the XYZ color 51.0583, 50.2256, 49.1229 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 51.0583, 50.2256, 49.1229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

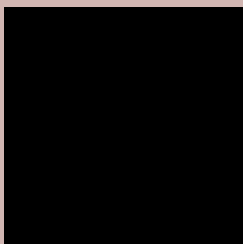
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

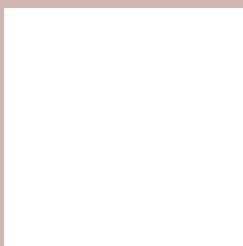
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0583, 50.2256, 49.1229

Background



This preview shows how black text looks on a background with the XYZ color 51.0583, 50.2256, 49.1229.



This preview shows how white text looks on a background with the XYZ color 51.0583, 50.2256,

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

51.0583, 50.2256, 49.1229

Protanopia

48.1031, 50.2143, 50.8731

Deuteranopia

51.3422, 50.3719, 49.1362



Tritanopia

52.9228, 50.3864, 57.9752

Trichromacy



Original Color

51.0583, 50.2256, 49.1229

Protanomaly

49.1404, 50.1353, 50.2671

Deuteranomaly

51.3422, 50.3719, 49.1362

Tritanomaly

52.1793, 50.3802, 54.5512

Monochromacy



Original Color

51.0583, 50.2256, 49.1229

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6592, 50.9561, 53.6726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0583, 50.2256, 49.1229 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(209, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 178)  
}
```

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(209, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 178) }
```

Border

The CSS property to change the border of an element to XYZ 51.0583, 50.2256, 49.1229 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(209, 182, 178) }
```


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

```
.border{ border-color:rgb(209, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0583, 50.2256, 49.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 178) }
```

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

```
.background{ background-color: rgb(209,  
182, 178) }
```

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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