

Converting Colors

XYZ(55.8865, 54.8585, 51.1384)

Have a look what the booklet for
XYZ(55.8865, 54.8585, 51.1384)
contains.

XYZ(56.0533, 54.9470, 51.3676)	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(56.0533, 54.9470,
51.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBDB5
RGB	220, 189, 181
RGB Percent	86%, 74%, 71%
CMY	0.1373, 0.2588, 0.2902
CMYK	0.00, 0.14, 0.18, 0.14
HSL	12°, 36%, 79%
HSV	12°, 18%, 86%
XYZ	56.0533, 54.9470, 51.3676
YIQ	197.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

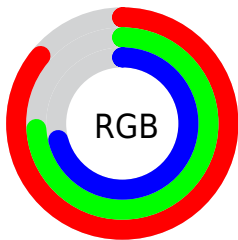
Format	Color
R _Y B	220, 191, 181
Decimal	14466485
CIE Lab	79.01, 9.77, 8.12
CIE LCh	79, 12.702, 39.720
Yxy	54.9470, 0.3452, 0.3384
Android (android.graphics.Color)	4292656565 (0xFFDCBDB5)
YUV	197.3570, -8.0640, 19.8579
Hunter-Lab	74.1262, 5.2584, 10.8019

Details

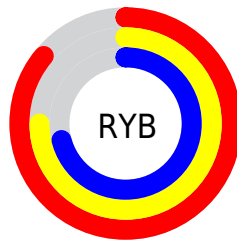
The XYZ color **56.0533, 54.9470, 51.3676** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.5175, 62.0767, 76.7666**, and the grayscale version is **53.3262, 56.1033, 61.0965**.

A 20% lighter version of the original color is **89.1785, 92.6792, 93.3094**, and **28.2175, 27.1662, 24.1784** is the 20% darker color. If you saturate the color by 10%, you get **50.4349, 47.0418, 39.2233**, and if you desaturate by 10%, it is **62.4846, 63.9067, 65.5428**.

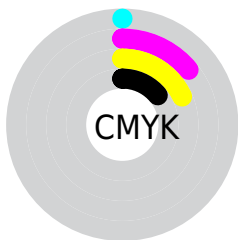
Distribution



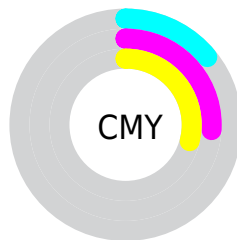
- Red (86%)
- Green (74%)
- Blue (71%)



- Red (86%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0533, 54.9470, 51.3676 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 56.0533, 54.9470, 51.3676 by changing the saturation by 10% instead.


 56.0533, 54.9470,
51.3676

 56.0533, 54.9470,
51.3676


399.9641,
405.7110, 408.8776

 40.4828, 39.3593,
36.1225


 98.2219, 97.4633,
93.6150

 28.1011, 27.0393,
24.2384


125.5507,
125.1607, 121.4543

 18.5427, 17.6028,
15.2967


157.5296,
157.6634, 154.3288

 11.4424, 10.6652,
8.8790

194.5241,
195.3559, 192.6570

 6.4347, 5.8422,
4.5666

236.8994,
238.6225, 236.8574

 3.1543, 2.7493,
1.9410

285.0209,

 1.2359, 1.0023,

287.8476, 287.3487

0.5187

339.2541,
343.4156, 344.5492

■ 0.1344, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0533, 54.9470,
51.3676

■ 56.0533, 54.9470,
51.3676

■ 50.4349, 47.0418,
39.2233

■ 62.4846, 63.9067,
65.5428

■ 45.5923, 40.1448,
29.0131

■ 69.7553, 73.9501,
81.8326

■ 41.4919, 34.2173,
20.6378

■ 77.8959, 85.1147,
100.3203

■ 38.0959, 29.2153,
13.9874

■ 83.3254, 93.9558,
108.3513

■ 35.3630, 25.0911,
8.9407

■ 33.2475, 21.7929,
5.3600

■ 31.6973, 19.2630,
3.0845

■ 30.6464, 17.4338,
1.8934

■ 30.4596, 17.1040,
1.6960

Harmonies

Analogous

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



57.1633, 54.9470, 57.5089



56.0533, 54.9470, 51.3676



53.9281, 54.9470, 47.6997

Triad

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



56.0533, 54.9470, 51.3676



47.7984, 54.9470, 55.1324



53.0502, 54.9470, 74.6209

Complementary

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



56.0533, 54.9470, 51.3676



55.5175, 62.0767, 76.7666

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.



50.5591, 54.9470, 73.8553



56.0533, 54.9470, 51.3676



47.5805, 54.9470, 62.2085

Square

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



56.0533, 54.9470, 51.3676



49.1812, 54.9470, 49.7486



48.5760, 54.9470, 69.1697



55.3929, 54.9470, 71.1843

Rectangle

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



56.0533, 54.9470, 51.3676



52.2493, 54.9470, 46.9618



48.5760, 54.9470, 69.1697



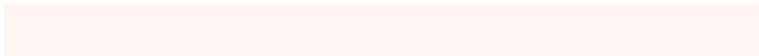
52.2017, 54.9470, 74.8525

Sweetspot

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



56.0548, 54.9495, 51.3688



89.9167, 92.9100, 97.3957



57.9486, 53.0277, 69.6015



19.0966, 19.6800, 20.5137



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.



56.0548, 54.9495, 51.3688



75.4893, 72.8055, 65.6104



60.4854, 63.8107, 52.8456



13.2714, 13.4822, 13.6284



17.9406, 10.1668, 1.0168



1.2245, 0.7830, 0.0866

Inverse Universe

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



55.5175, 62.0767, 76.7666



74.6122, 84.4073, 106.9675



50.9788, 52.9993, 75.2537



13.2061, 14.3520, 16.7263



16.6433, 21.1561, 42.9447



1.1367, 1.4875, 2.8016

Previews

White Background



This preview shows how the XYZ color 56.0533, 54.9470, 51.3676 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 56.0533, 54.9470, 51.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

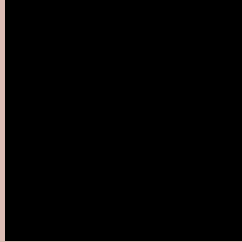
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0533, 54.9470, 51.3676

Background



This preview shows how black text looks on a background with the XYZ color 56.0533, 54.9470, 51.3676.



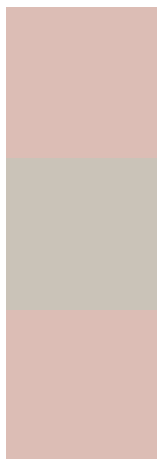
This preview shows how white text looks on a background with the XYZ color 56.0533, 54.9470,

51.3676.

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

56.0533, 54.9470, 51.3676

Protanopia

52.5240, 55.0475, 53.2043

Deuteranopia

56.0533, 54.9470, 51.3676



Tritanopia

58.2257, 54.8645, 62.7794

Trichromacy



Original Color

56.0533, 54.9470, 51.3676

Protanomaly

53.9117, 55.1141, 52.5964

Deuteranomaly

56.0533, 54.9470, 51.3676

Tritanomaly

57.3267, 54.8078, 58.5965

Monochromacy



Original Color

56.0533, 54.9470, 51.3676

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8726, 55.3243, 57.1295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0533, 54.9470, 51.3676 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, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 181)  
}
```

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, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 56.0533, 54.9470, 51.3676 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, 189, 181) }
```


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

```
.border{ border-color:rgb(220, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 189, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 189, 181); box-shadow:4px 4px 4px 4px rgb(220, 189, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0533, 54.9470, 51.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 181) }
```

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

```
.background{ background-color: rgb(220,  
189, 181) }
```

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