

Converting Colors

XYZ(56.0811, 58.1480, 49.3089)

Have a look what the booklet for
XYZ(56.0811, 58.1480, 49.3089)
contains.

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Color

**XYZ(56.0549, 57.9698,
49.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C6B0
RGB	215, 198, 176
RGB Percent	84%, 78%, 69%
CMY	0.1569, 0.2235, 0.3098
CMYK	0.00, 0.08, 0.18, 0.16
HSL	34°, 33%, 77%
HSV	34°, 18%, 84%
XYZ	56.0549, 57.9698, 49.3092
YIQ	200.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

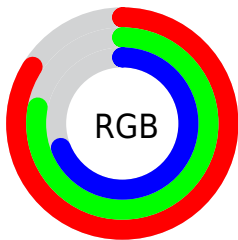
Format	Color
R _Y B	206, 215, 176
Decimal	14141104
CIE Lab	80.72, 2.40, 13.18
CIE LCh	81, 13.392, 79.684
Yxy	57.9698, 0.3432, 0.3549
Android (android.graphics.Color)	4292331184 (0xFFD7C6B0)
YUV	200.5750, -12.1155, 12.6507
Hunter-Lab	76.1379, -1.8245, 14.8985

Details

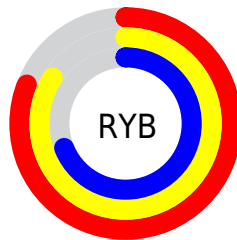
The XYZ color **56.0549, 57.9698, 49.3092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2400, 52.2753, 71.7854**, and the grayscale version is **55.3207, 58.2017, 63.3817**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **28.0456, 28.8502, 22.8294** is the 20% darker color. If you saturate the color by 10%, you get **52.0185, 53.0357, 38.2866**, and if you desaturate by 10%, it is **60.5639, 63.3089, 62.1530**.

Distribution



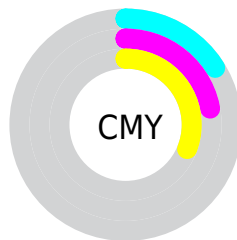
- Red (84%)
- Green (78%)
- Blue (69%)



- Red (81%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0549, 57.9698, 49.3092 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 56.0549, 57.9698, 49.3092 by changing the saturation by 10% instead.

■ 56.0549, 57.9698,
49.3092

■ 56.0549, 57.9698,
49.3092

399.9700,
417.0734, 400.6157

■ 40.4841, 41.7844,
34.4975

■ 98.2242, 101.8789,
90.5362

■ 28.1021, 28.9325,
22.9956

125.5534,
130.3713, 117.7887

■ 18.5435, 19.0298,
14.3850

157.5328,
163.7349, 150.0251

■ 11.4429, 11.6918,
8.2471

194.5277,
202.3540, 187.6640

■ 6.4351, 6.5342,
4.1634

236.9036,
246.6130, 231.1240

■ 3.1545, 3.1725,
1.7154

285.0257,

■ 1.2360, 1.2225,

296.8963, 280.8236

0.3713

339.2594,
353.5883, 337.1813

■ 0.1345, 0.0799,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0549, 57.9698,
49.3092

■ 56.0549, 57.9698,
49.3092

■ 52.0185, 53.0357,
38.2866

■ 60.5639, 63.3089,
62.1530

■ 48.4318, 48.4877,
28.9973

■ 65.5580, 69.0558,
76.8929

■ 45.2768, 44.3166,
21.3517

■ 71.0547, 75.2230,
93.6040

■ 42.5324, 40.5101,
15.2507

■ 75.9215, 81.3611,
106.3105

■ 40.1753, 37.0546,
10.5842

■ 78.6825, 86.8831,
107.2308

■ 38.1791, 33.9354,
7.2274

■ 81.5870, 92.6922,
108.1990

■ 36.5136, 31.1358,
5.0336

■ 81.8345, 93.1872,
108.2815

■ 35.1355, 28.6340,
3.7900

■ 34.8991, 28.1962,
3.6030

Harmonies

Analogous

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



58.6059, 57.9698, 52.2198



56.0549, 57.9698, 49.3092



53.3293, 57.9698, 49.8564

Triad

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



56.0549, 57.9698, 49.3092



50.2487, 57.9698, 68.3812



59.2472, 57.9698, 73.4782

Complementary

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



56.0549, 57.9698, 49.3092



49.2400, 52.2753, 71.7854

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.



56.9065, 57.9698, 78.5474



56.0549, 57.9698, 49.3092



51.7340, 57.9698, 75.4387

Square

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



56.0549, 57.9698, 49.3092



50.0380, 57.9698, 60.4350



54.1532, 57.9698, 79.2934



60.4893, 57.9698, 65.8818

Rectangle

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



56.0549, 57.9698, 49.3092



51.7771, 57.9698, 52.1248



54.1532, 57.9698, 79.2934



58.5591, 57.9698, 75.5603

Sweetspot

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



56.0565, 57.9724, 49.3104



91.3176, 95.7118, 97.8627



53.2375, 49.3734, 57.4992



19.4366, 20.3599, 20.6270



0.0000, 0.0000, 0.0000



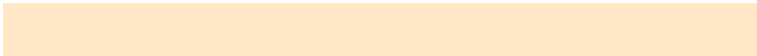
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0565, 57.9724, 49.3104



79.9879, 82.2803, 65.6378



59.5926, 65.8896, 50.6522



12.9988, 13.5717, 13.0952



20.9809, 17.0791, 2.1908



1.3472, 1.1935, 0.1594

Inverse Universe

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



49.2400, 52.2753, 71.7854



68.0574, 72.3099, 104.9779



46.1405, 45.4169, 70.6249



12.1834, 12.8901, 15.7834



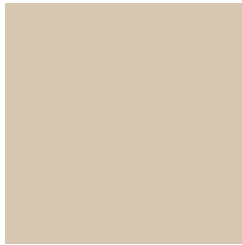
9.8157, 7.8931, 39.4593



0.6735, 0.6391, 2.4072

Previews

White Background



This preview shows how the XYZ color 56.0549, 57.9698, 49.3092 looks on a white background.

Color Contrast Check

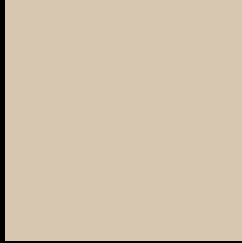
Large Text (above 18pt) WCAG AA × Fail

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 56.0549, 57.9698, 49.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

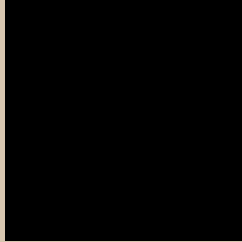
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0549, 57.9698, 49.3092

Background



This preview shows how black text looks on a background with the XYZ color 56.0549, 57.9698, 49.3092.



This preview shows how white text looks on a background with the XYZ color 56.0549, 57.9698,

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

56.0549, 57.9698, 49.3092

Protanopia

54.8846, 58.0382, 49.9047

Deuteranopia

59.0007, 57.8082, 49.6434



Tritanopia

59.6685, 57.7541, 67.6773

Trichromacy



Original Color

56.0549, 57.9698, 49.3092

Protanomaly

55.2232, 57.8701, 49.8544

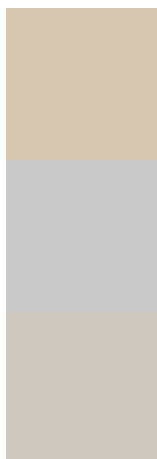
Deuteranomaly

57.8823, 57.8925, 49.7186

Tritanomaly

58.3924, 57.9212, 60.3268

Monochromacy



Original Color

56.0549, 57.9698, 49.3092

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6223, 58.2361, 58.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0549, 57.9698, 49.3092 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(215, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(215, 198, 176)  
}
```

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(215, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.0549, 57.9698, 49.3092 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(215, 198, 176) }
```


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

```
.border{ border-color:rgb(215, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(215, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0549, 57.9698, 49.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 198, 176) }
```

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

```
.background{ background-color: rgb(215,  
198, 176) }
```

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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