

Converting Colors

XYZ(59.0929, 56.3561, 49.0204)

Have a look what the booklet for
XYZ(59.0929, 56.3561, 49.0204)
contains.

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Color

**XYZ(59.0984, 56.2568,
48.8181)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BCB0
RGB	232, 188, 176
RGB Percent	91%, 74%, 69%
CMY	0.0902, 0.2627, 0.3098
CMYK	0.00, 0.19, 0.24, 0.09
HSL	13°, 55%, 80%
HSV	13°, 24%, 91%
XYZ	59.0984, 56.2568, 48.8181
YIQ	199.7880, 30.0760, 5.5960

Conversions

Conversions Part 2

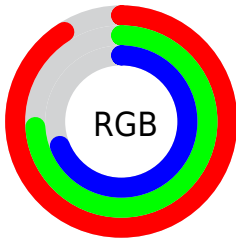
Format	Color
R _Y B	232, 191, 176
Decimal	15252656
CIE Lab	79.76, 14.00, 12.03
CIE LCh	80, 18.458, 40.665
Yxy	56.2568, 0.3600, 0.3427
Android (android.graphics.Color)	4293442736 (0xFFE8BCB0)
YUV	199.7880, -11.7275, 28.2499
Hunter-Lab	75.0045, 9.3878, 13.9132

Details

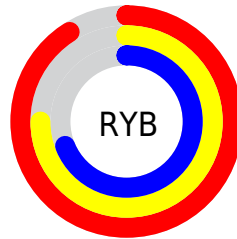
The XYZ color **59.0984, 56.2568, 48.8181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.0626, 66.2409, 86.0699**, and the grayscale version is **54.8274, 57.6827, 62.8165**.

A 20% lighter version of the original color is **88.1562, 91.7876, 89.4144**, and **30.2066, 28.0133, 22.8838** is the 20% darker color. If you saturate the color by 10%, you get **53.3455, 48.1158, 36.5267**, and if you desaturate by 10%, it is **65.7384, 65.5434, 63.3419**.

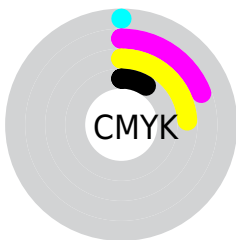
Distribution



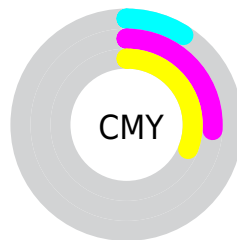
- Red (91%)
- Green (74%)
- Blue (69%)



- Red (91%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0984, 56.2568, 48.8181 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 59.0984, 56.2568, 48.8181 by changing the saturation by 10% instead.


 59.0984, 56.2568,
48.8181

 59.0984, 56.2568,
48.8181

411.1547,
410.6586, 398.6276

 42.9390, 40.4089,
34.1106


 102.6345, 99.3799,
89.7994

 30.0316, 27.8575,
22.7005


130.7419,
127.4239, 116.9103

 20.0107, 18.2182,
14.1693


163.5626,
160.3021, 148.9928

 12.5112, 11.1068,
8.0984

201.4622,
198.3987, 186.4654

 7.1675, 6.1387,
4.0693

244.8058,
242.0983, 229.7467

 3.6143, 2.9296,
1.6635

293.9588,

 1.4863, 1.0951,

291.7852, 279.2551

0.3355

349.2867,
347.8438, 335.4092

■ 0.3165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0984, 56.2568,
48.8181

■ 59.0984, 56.2568,
48.8181

■ 53.3455, 48.1158,
36.5267

■ 65.7384, 65.5434,
63.3419

■ 48.4371, 41.0683,
26.3531

■ 73.2968, 76.0098,
80.1979

■ 44.3335, 35.0691,
18.1777

■ 81.8090, 87.6986,
99.4842

■ 40.9900, 30.0675,
11.8676

■ 87.0889, 95.8959,
108.5274

■ 38.3574, 26.0079,
7.2735

■ 36.3801, 22.8291,
4.2229

■ 34.9933, 20.4622,
2.5067

■ 34.4081, 19.4143,
1.9338

Harmonies

Analogous

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



60.8344, 56.2568, 57.5300



59.0984, 56.2568, 48.8181



55.8808, 56.2568, 43.8414

Triad

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



59.0984, 56.2568, 48.8181



46.9830, 56.2568, 54.7008



54.8091, 56.2568, 83.7431

Complementary

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



59.0984, 56.2568, 48.8181



58.0626, 66.2409, 86.0699

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.



51.1303, 56.2568, 82.7569



59.0984, 56.2568, 48.8181



46.7261, 56.2568, 65.1356

Square

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



59.0984, 56.2568, 48.8181



48.9307, 56.2568, 46.9547



48.2116, 56.2568, 75.6407



58.2825, 56.2568, 78.1966

Rectangle

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



59.0984, 56.2568, 48.8181



53.3871, 56.2568, 42.9219



48.2116, 56.2568, 75.6407



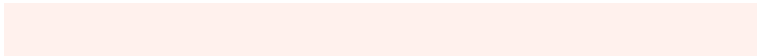
53.5538, 56.2568, 84.1793

Sweetspot

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



59.0999, 56.2594, 48.8193



87.9963, 90.2798, 93.0236



61.8291, 53.4169, 75.3192



18.7105, 19.1517, 19.6327



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.



59.0999, 56.2594, 48.8193



69.5297, 64.4864, 52.5255



65.4671, 68.9937, 50.9417



14.6262, 14.8662, 15.0030



19.1766, 10.9274, 1.0985



1.4841, 0.9416, 0.1035

Inverse Universe

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



58.0626, 66.2409, 86.0699



68.0275, 78.8693, 106.2456



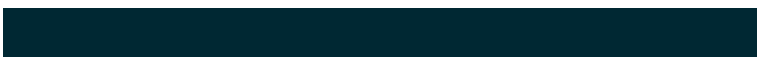
51.4964, 53.1085, 83.8811



14.5315, 15.7844, 18.4251



17.4988, 22.0596, 45.7188



1.3586, 1.7611, 3.4003

Previews

White Background



This preview shows how the XYZ color 59.0984, 56.2568, 48.8181 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 59.0984, 56.2568, 48.8181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

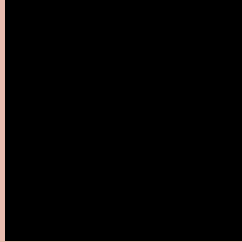
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0984, 56.2568, 48.8181

Background



This preview shows how black text looks on a background with the XYZ color 59.0984, 56.2568, 48.8181.



This preview shows how white text looks on a background with the XYZ color 59.0984, 56.2568,

48.8181.

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

59.0984, 56.2568, 48.8181

Protanopia

53.4836, 56.2478, 51.7541

Deuteranopia

57.4200, 56.3643, 48.4105



Tritanopia

61.9187, 56.4836, 61.6718

Trichromacy



Original Color

59.0984, 56.2568, 48.8181

Protanomaly

55.4528, 56.2853, 50.5893

Deuteranomaly

58.1462, 56.4160, 48.3822

Tritanomaly

60.8946, 56.3718, 56.9616

Monochromacy



Original Color

59.0984, 56.2568, 48.8181

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.2953, 57.2385, 57.3713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0984, 56.2568, 48.8181 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(232, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 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(232, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.0984, 56.2568, 48.8181 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(232, 188, 176) }
```


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

```
.border{ border-color:rgb(232, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 188, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 188, 176); box-shadow:4px 4px 4px 4px rgb(232, 188, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0984, 56.2568, 48.8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 176) }
```

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

```
.background{ background-color: rgb(232,  
188, 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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