

Converting Colors

XYZ(58.6882, 58.7008, 47.8789)

Have a look what the booklet for
XYZ(58.6882, 58.7008, 47.8789)
contains.

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Color

**XYZ(58.6468, 58.6657,
47.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4AD
RGB	226, 196, 173
RGB Percent	89%, 77%, 68%
CMY	0.1137, 0.2314, 0.3216
CMYK	0.00, 0.13, 0.23, 0.11
HSL	26°, 48%, 78%
HSV	26°, 23%, 89%
XYZ	58.6468, 58.6657, 47.7678
YIQ	202.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

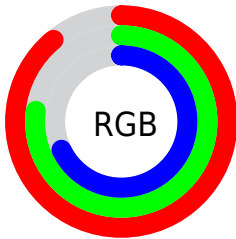
Format	Color
RYB	226, 214, 173
Decimal	14861485
CIELab	81.11, 7.10, 15.46
CIElCh	81, 17.011, 65.323
Yxy	58.6657, 0.3553, 0.3554
Android (android.graphics.Color)	4293051565 (0xFFE2C4AD)
YUV	202.3480, -14.4686, 20.7428
Hunter-Lab	76.5935, 2.6367, 16.6391

Details

The XYZ color **58.6468, 58.6657, 47.7678** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.3167, 57.0858, 80.2132**, and the grayscale version is **56.4341, 59.3731, 64.6573**.

A 20% lighter version of the original color is **90.3689, 97.1120, 87.3803**, and **29.7018, 29.2725, 22.1739** is the 20% darker color. If you saturate the color by 10%, you get **53.8795, 52.3395, 36.2868**, and if you desaturate by 10%, it is **64.0332, 65.6372, 61.2815**.

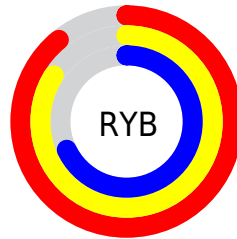
Distribution



Red (89%)

Green (77%)

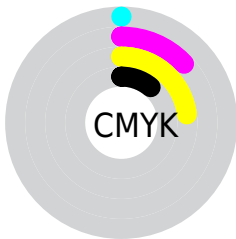
Blue (68%)



Red (89%)

Yellow (84%)

Blue (68%)

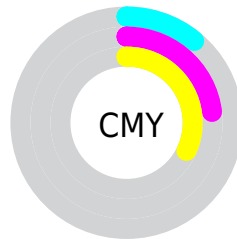


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6468, 58.6657, 47.7678 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 58.6468, 58.6657, 47.7678 by changing the saturation by 10% instead.


 58.6468, 58.6657,
47.7678

 58.6468, 58.6657,
47.7678


409.5069,
419.6619, 394.3531

 42.5741, 42.3441,
33.2844


 101.9817,
102.8916, 88.2205

 29.7442, 29.3708,
22.0715


129.9747,
131.5647, 115.0269

 19.7916, 19.3615,
13.7106

162.6718,
165.1238, 146.7780

 12.3510, 11.9318,
7.7832

200.4384,
203.9531, 183.8923

 7.0571, 6.6972,
3.8708

243.6398,
248.4373, 226.7885

 3.5445, 3.2735,
1.5547

292.6415,

 1.4478, 1.2761,

298.9605, 275.8850

0.2582

347.8087,
355.9073, 331.6003

■ 0.2899, 0.1226,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6468, 58.6657,
47.7678

■ 58.6468, 58.6657,
47.7678

■ 53.8795, 52.3395,
36.2868

■ 64.0332, 65.6372,
61.2815

■ 49.7018, 46.6309,
26.7347

■ 70.0572, 73.2647,
76.9173

■ 46.0888, 41.5218,
19.0043

■ 76.7422, 81.5687,
94.7635

■ 43.0116, 36.9901,
12.9760

■ 82.7264, 90.0132,
107.6219

■ 40.4382, 33.0118,
8.5157

■ 85.1742, 94.9088,
108.4378

■ 38.3325, 29.5610,
5.4690

■ 36.6517, 26.6082,
3.6487

■ 35.7407, 24.9218,
2.9267

Harmonies

Analogous

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



61.4929, 58.6657, 53.2678



58.6468, 58.6657, 47.7678



55.1316, 58.6657, 46.3856

Triad

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



58.6468, 58.6657, 47.7678



49.2610, 58.6657, 65.7004



59.7839, 58.6657, 81.1163

Complementary

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



58.6468, 58.6657, 47.7678



52.3167, 57.0858, 80.2132

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.



56.3931, 58.6657, 85.2908



58.6468, 58.6657, 47.7678



50.3950, 58.6657, 75.8088

Square

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



58.6468, 58.6657, 47.7678



49.8077, 58.6657, 56.0880



52.9695, 58.6657, 83.2530



62.1686, 58.6657, 72.3556

Rectangle

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



58.6468, 58.6657, 47.7678



52.9024, 58.6657, 47.8443



52.9695, 58.6657, 83.2530



58.7187, 58.6657, 83.1423

Sweetspot

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



58.6484, 58.6684, 47.7690



89.1695, 92.6261, 93.4146



57.0917, 50.3700, 63.2347



18.9817, 19.6941, 19.7232



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.



58.6484, 58.6684, 47.7690



74.0462, 73.0966, 55.3343



65.1528, 71.6772, 49.9372



14.1941, 14.6742, 14.3911



20.5032, 14.4443, 1.7074



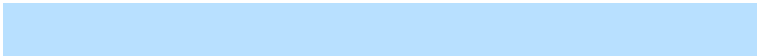
1.5090, 1.1768, 0.1476

Inverse Universe

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



52.3167, 57.0858, 80.2132



64.3796, 70.6773, 104.8567



46.5919, 45.6363, 78.3049



13.5925, 14.5242, 17.4747



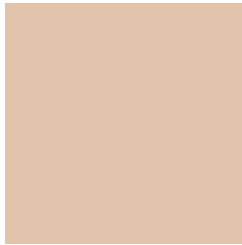
12.3485, 12.1666, 42.7459



0.9445, 1.0204, 2.9924

Previews

White Background



This preview shows how the XYZ color 58.6468, 58.6657, 47.7678 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 58.6468, 58.6657, 47.7678 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 58.6468, 58.6657, 47.7678

Background



This preview shows how black text looks on a background with the XYZ color 58.6468, 58.6657, 47.7678.



This preview shows how white text looks on a background with the XYZ color 58.6468, 58.6657,

47.7678.

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

58.6468, 58.6657, 47.7678

Protanopia

55.5871, 58.7568, 49.4857

Deuteranopia

59.7896, 58.5896, 47.6928



Tritanopia

62.4045, 58.5408, 66.4030

Trichromacy



Original Color

58.6468, 58.6657, 47.7678

Protanomaly

56.4802, 58.5409, 48.8801

Deuteranomaly

59.3710, 58.7054, 47.7372

Tritanomaly

61.1207, 58.6930, 59.1464

Monochromacy



Original Color

58.6468, 58.6657, 47.7678

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9222, 58.9190, 57.6626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6468, 58.6657, 47.7678 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(226, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 173)  
}
```

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(226, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.6468, 58.6657, 47.7678 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(226, 196, 173) }
```


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

```
.border{ border-color:rgb(226, 196, 173) }
```

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

Here you see how a box with a 4 pixel rgb(226, 196, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6468, 58.6657, 47.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 173) }
```

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

```
.background{ background-color: rgb(226,  
196, 173) }
```

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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