

Converting Colors

XYZ(58.6525, 58.2756, 48.8892)

Have a look what the booklet for
XYZ(58.6525, 58.2756, 48.8892)
contains.

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Color

**XYZ(58.6170, 58.2941,
48.7199)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C3AF
RGB	226, 195, 175
RGB Percent	89%, 76%, 69%
CMY	0.1137, 0.2353, 0.3137
CMYK	0.00, 0.14, 0.23, 0.11
HSL	24°, 47%, 79%
HSV	24°, 23%, 89%
XYZ	58.6170, 58.2941, 48.7199
YIQ	201.9890, 24.8960, 0.3520

Conversions

Conversions Part 2

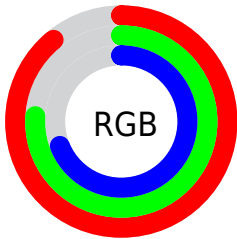
Format	Color
R _Y B	226, 208, 175
Decimal	14861231
CIE Lab	80.90, 7.92, 14.10
CIE LCh	81, 16.170, 60.691
Yxy	58.2941, 0.3539, 0.3520
Android (android.graphics.Color)	4293051311 (0xFFE2C3AF)
YUV	201.9890, -13.3056, 21.0576
Hunter-Lab	76.3506, 3.4272, 15.6120

Details

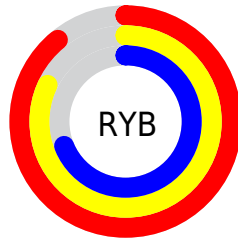
The XYZ color **58.6170, 58.2941, 48.7199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.4775, 58.7461, 80.4724**, and the grayscale version is **56.2030, 59.1299, 64.3924**.

A 20% lighter version of the original color is **90.4742, 96.6503, 89.4882**, and **29.6776, 29.0259, 22.7773** is the 20% darker color. If you saturate the color by 10%, you get **53.6435, 51.6068, 37.0123**, and if you desaturate by 10%, it is **64.2483, 65.7016, 62.4809**.

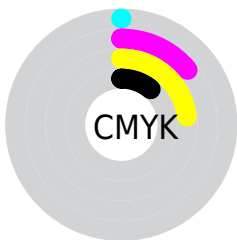
Distribution



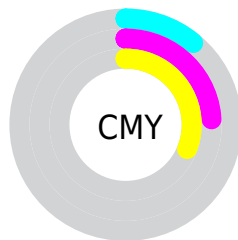
- Red (89%)
- Green (76%)
- Blue (69%)



- Red (89%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6170, 58.2941, 48.7199 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 58.6170, 58.2941, 48.7199 by changing the saturation by 10% instead.

■ 58.6170, 58.2941,
48.7199

■ 58.6170, 58.2941,
48.7199

409.3980,
418.2809, 398.2293

■ 42.5501, 42.0451,
34.0333

■ 101.9386,
102.3510, 89.6520

■ 29.7252, 29.1366,
22.6416

129.9240,
130.9277, 116.7345

■ 19.7772, 19.1842,
14.1263

162.6129,
164.3825, 148.7862

■ 12.3405, 11.8035,
8.0688

200.3708,
203.0997, 186.2254

■ 7.0499, 6.6100,
4.0506

243.5628,
247.4638, 229.4708

■ 3.5399, 3.2194,
1.6531

292.5545,

■ 1.4453, 1.2473,

297.8591, 278.9409

0.3283

347.7111,
354.6700, 335.0542

■ 0.2881, 0.0999,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6170, 58.2941,
48.7199

■ 58.6170, 58.2941,
48.7199

■ 53.6435, 51.6068,
37.0123

■ 64.2483, 65.7016,
62.4809

■ 49.2971, 45.6091,
27.2545

■ 70.5571, 73.8427,
78.3846

■ 45.5512, 40.2797,
19.3395

■ 77.5683, 82.7407,
96.5194

■ 42.3756, 35.5933,
13.1483

■ 83.5833, 91.7270,
107.9075

■ 39.7367, 31.5226,
8.5477

■ 85.1742, 94.9088,
108.4378

■ 37.5970, 28.0378,
5.3848

■ 35.9122, 25.1055,
3.4753

■ 34.9073, 23.2550,
2.6489

Harmonies

Analogous

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



61.1269, 58.2941, 54.5227



58.6170, 58.2941, 48.7199



55.3292, 58.2941, 46.7699

Triad

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



58.6170, 58.2941, 48.7199



49.2180, 58.2941, 63.6949



58.7567, 58.2941, 80.6764

Complementary

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



58.6170, 58.2941, 48.7199



53.4775, 58.7461, 80.4724

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.



55.4844, 58.2941, 83.7418



58.6170, 58.2941, 48.7199



50.0552, 58.2941, 73.3514

Square

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



58.6170, 58.2941, 48.7199



49.9827, 58.2941, 54.8713



52.3160, 58.2941, 80.9375



61.2098, 58.2941, 72.9283

Rectangle

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



58.6170, 58.2941, 48.7199



53.1640, 58.2941, 47.7453



52.3160, 58.2941, 80.9375



57.7118, 58.2941, 82.3216

Sweetspot

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



58.6186, 58.2967, 48.7211



88.9443, 92.1758, 93.3396



57.8899, 51.3076, 65.5323



18.9296, 19.5899, 19.7058



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.



58.6186, 58.2967, 48.7211



73.9524, 72.4786, 56.6301



64.7087, 70.4770, 50.7512



14.1460, 14.5780, 14.3750



20.0223, 13.4824, 1.5471



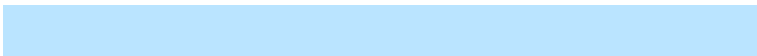
1.4732, 1.1053, 0.1357

Inverse Universe

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



53.4775, 58.7461, 80.4724



66.0779, 73.1614, 105.2466



47.9211, 47.6332, 78.6203



13.6418, 14.6226, 17.4911



13.0824, 13.6344, 42.9905



0.9932, 1.1179, 3.0087

Previews

White Background



This preview shows how the XYZ color 58.6170, 58.2941, 48.7199 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 58.6170, 58.2941, 48.7199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

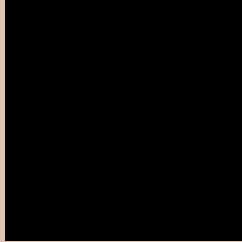
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6170, 58.2941, 48.7199

Background



This preview shows how black text looks on a background with the XYZ color 58.6170, 58.2941, 48.7199.



This preview shows how white text looks on a background with the XYZ color 58.6170, 58.2941,

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

58.6170, 58.2941, 48.7199

Protanopia

55.2685, 58.2245, 50.4450

Deuteranopia

59.6628, 58.5017, 48.7048



Tritanopia

62.2834, 58.4924, 65.7651

Trichromacy



Original Color

58.6170, 58.2941, 48.7199

Protanomaly

56.4488, 58.1614, 49.8461

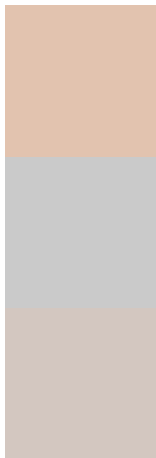
Deuteranomaly

59.3427, 58.3367, 48.6899

Tritanomaly

60.9003, 58.2523, 59.0730

Monochromacy



Original Color

58.6170, 58.2941, 48.7199

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8018, 58.5015, 58.1673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6170, 58.2941, 48.7199 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, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 175)  
}
```

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, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 175) }
```

Border

The CSS property to change the border of an element to XYZ 58.6170, 58.2941, 48.7199 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, 195, 175) }
```


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

```
.border{ border-color:rgb(226, 195, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6170, 58.2941, 48.7199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 175) }
```

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

```
.background{ background-color: rgb(226,  
195, 175) }
```

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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