

Converting Colors

XYZ(59.9423, 59.9748, 48.4618)

Have a look what the booklet for
XYZ(59.9423, 59.9748, 48.4618)
contains.

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Color

**XYZ(59.8290, 59.9381,
48.4603)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C6AE
RGB	228, 198, 174
RGB Percent	89%, 78%, 68%
CMY	0.1059, 0.2235, 0.3176
CMYK	0.00, 0.13, 0.24, 0.11
HSL	27°, 50%, 79%
HSV	27°, 24%, 89%
XYZ	59.8290, 59.9381, 48.4603
YIQ	204.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

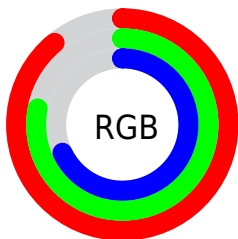
Format	Color
R _Y B	228, 217, 174
Decimal	14993070
CIE Lab	81.80, 6.94, 15.93
CIE LCh	82, 17.374, 66.461
Yxy	59.9381, 0.3556, 0.3563
Android (android.graphics.Color)	4293183150 (0xFFE4C6AE)
YUV	204.2340, -14.9054, 20.8428
Hunter-Lab	77.4197, 2.4581, 17.0816

Details

The XYZ color **59.8290, 59.9381, 48.4603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.0517, 57.7845, 81.7566**, and the grayscale version is **57.6238, 60.6247, 66.0203**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **30.4994, 30.1223, 22.6191** is the 20% darker color. If you saturate the color by 10%, you get **55.0177, 53.5756, 36.8054**, and if you desaturate by 10%, it is **65.2629, 66.9411, 62.1855**.

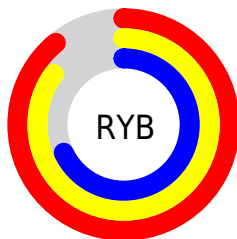
Distribution



Red (89%)

Green (78%)

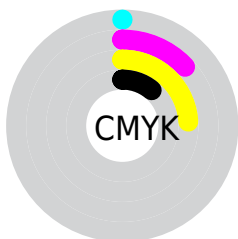
Blue (68%)



Red (89%)

Yellow (85%)

Blue (68%)

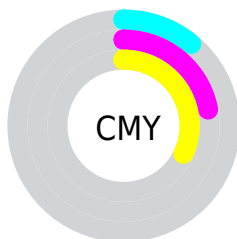


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (22%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8290, 59.9381, 48.4603 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 59.8290, 59.9381, 48.4603 by changing the saturation by 10% instead.


 59.8290, 59.9381,
48.4603

 59.8290, 59.9381,
48.4603


413.8120,
424.3696, 397.1750

 43.5298, 43.3687,
33.8290


 103.6893,
104.7399, 89.2620

 30.4973, 30.1745,
22.4859


131.9811,
133.7411, 116.2695

 20.3663, 19.9711,
14.0127


165.0011,
167.6550, 148.2394

 12.7714, 12.3740,
7.9906

203.1147,
206.8661, 185.5904

 7.3472, 6.9990,
4.0013

246.6873,
251.7587, 228.7409

 3.7284, 3.4614,
1.6260

296.0841,

 1.5497, 1.3771,

302.7172, 278.1094

0.3093

351.6706,
360.1260, 334.1146

■ 0.3593, 0.1998,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8290, 59.9381,
48.4603

■ 59.8290, 59.9381,
48.4603

■ 55.0177, 53.5756,
36.8054

■ 65.2629, 66.9411,
62.1855

■ 50.7993, 47.8261,
27.1149

■ 71.3380, 74.5950,
78.0723

■ 47.1486, 42.6718,
19.2787

■ 78.0780, 82.9200,
96.2112

■ 44.0364, 38.0908,
13.1747

■ 83.8173, 91.2585,
107.8048

■ 41.4303, 34.0594,
8.6657

■ 85.8051, 95.2341,
108.4673

■ 39.2937, 30.5520,
5.5930

■ 37.5833, 27.5393,
3.7646

■ 36.6830, 25.8699,
3.0600

Harmonies

Analogous

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



62.8242, 59.9381, 53.9934



59.8290, 59.9381, 48.4603



56.1804, 59.9381, 47.2000

Triad

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



59.8290, 59.9381, 48.4603



50.2531, 59.9381, 67.5588



61.2586, 59.9381, 82.8681

Complementary

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



59.8290, 59.9381, 48.4603



53.0517, 57.7845, 81.7566

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.



57.7656, 59.9381, 87.4291



59.8290, 59.9381, 48.4603



51.4901, 59.9381, 77.9995

Square

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



59.8290, 59.9381, 48.4603



50.7527, 59.9381, 57.5329



54.2023, 59.9381, 85.5584



63.6740, 59.9381, 73.6549

Rectangle

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



59.8290, 59.9381, 48.4603



53.8881, 59.9381, 48.8176



54.2023, 59.9381, 85.5584



60.1659, 59.9381, 85.0387

Sweetspot

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



59.8306, 59.9408, 48.4615



89.2261, 92.7393, 93.4335



58.1028, 51.1553, 64.3171



18.9948, 19.7203, 19.7275



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.



59.8306, 59.9408, 48.4615



74.2367, 73.4777, 55.3978



66.3987, 73.0771, 50.6509



14.9017, 15.4173, 15.0949



21.2962, 15.1665, 1.8050



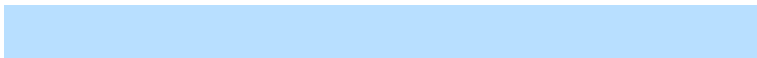
1.6651, 1.3036, 0.1639

Inverse Universe

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



53.0517, 57.7845, 81.7566



64.1789, 70.2759, 104.7898



47.3008, 46.2828, 79.8397



14.2434, 15.2082, 18.3291



12.5625, 12.1871, 44.0734



1.0206, 1.0852, 3.2876

Previews

White Background



This preview shows how the XYZ color 59.8290, 59.9381, 48.4603 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 59.8290, 59.9381, 48.4603 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 59.8290, 59.9381, 48.4603

Background



This preview shows how black text looks on a background with the XYZ color 59.8290, 59.9381, 48.4603.



This preview shows how white text looks on a background with the XYZ color 59.8290, 59.9381,

48.4603.

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

59.8290, 59.9381, 48.4603

Protanopia

56.6330, 59.9926, 49.6691

Deuteranopia

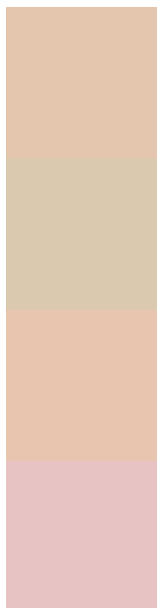
61.3116, 60.0283, 48.3995



Tritanopia

63.7338, 59.8498, 67.8675

Trichromacy



Original Color

59.8290, 59.9381, 48.4603

Protanomaly

57.5379, 59.7739, 49.0624

Deuteranomaly

60.8849, 60.1443, 48.4444

Tritanomaly

62.4339, 60.0047, 60.5160

Monochromacy



Original Color

59.8290, 59.9381, 48.4603

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1867, 60.2374, 59.0123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8290, 59.9381, 48.4603 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(228, 198, 174)` looks like.

```
.text, #text, p{  
    color:rgb(228, 198, 174)  
}
```

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(228, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 198, 174) }
```

Border

The CSS property to change the border of an element to XYZ 59.8290, 59.9381, 48.4603 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(228, 198, 174) }
```


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

```
.border{ border-color:rgb(228, 198, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 198, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(228, 198,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8290, 59.9381, 48.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 198, 174) }
```

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

```
.background{ background-color: rgb(228,  
198, 174) }
```

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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