

Converting Colors

XYZ(61.0457, 59.7282, 48.7155)

Have a look what the booklet for
XYZ(61.0457, 59.7282, 48.7155)
contains.

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Color

**XYZ(61.0821, 59.8986,
48.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C4AF
RGB	233, 196, 175
RGB Percent	91%, 77%, 69%
CMY	0.0863, 0.2314, 0.3137
CMYK	0.00, 0.16, 0.25, 0.09
HSL	22°, 57%, 80%
HSV	22°, 25%, 91%
XYZ	61.0821, 59.8986, 48.8997
YIQ	204.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

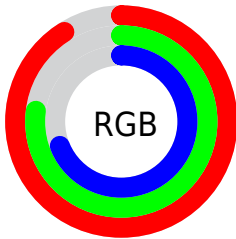
Format	Color
R _Y B	233, 208, 175
Decimal	15320239
CIE Lab	81.78, 10.00, 15.43
CIE LCh	82, 18.390, 57.049
Yxy	59.8986, 0.3596, 0.3526
Android (android.graphics.Color)	4293510319 (0xFFE9C4AF)
YUV	204.6690, -14.6268, 24.8463
Hunter-Lab	77.3942, 5.4384, 16.7149

Details

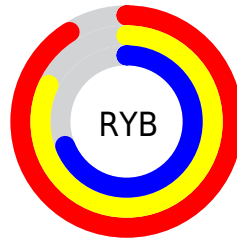
The XYZ color **61.0821, 59.8986, 48.8997** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9303, 62.0827, 86.1266**, and the grayscale version is **57.8965, 60.9116, 66.3328**.

A 20% lighter version of the original color is **90.7891, 97.2801, 89.5931**, and **31.3796, 30.1232, 22.8994** is the 20% darker color. If you saturate the color by 10%, you get **55.8006, 52.6871, 36.8064**, and if you desaturate by 10%, it is **67.0938, 67.9377, 63.1858**.

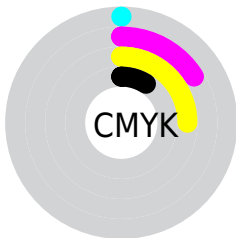
Distribution



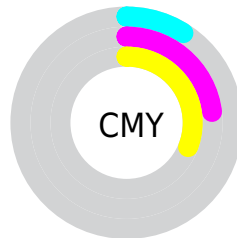
- Red (91%)
- Green (77%)
- Blue (69%)



- Red (91%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0821, 59.8986, 48.8997 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 61.0821, 59.8986, 48.8997 by changing the saturation by 10% instead.


 61.0821, 59.8986,
48.8997

 61.0821, 59.8986,
48.8997


418.3461,
424.2239, 398.9584

 44.5442, 43.3369,
34.1749


 105.4952,
104.6826, 89.9219

 31.2983, 30.1495,
22.7495


134.1012,
133.6736, 117.0564

 20.9791, 19.9521,
14.2051


167.4606,
167.5766, 149.1645

 13.2211, 12.3602,
8.1231

205.9387,
206.7759, 186.6648

 7.6590, 6.9895,
4.0849

249.9010,
251.6558, 229.9758

 3.9275, 3.4555,
1.6720

299.7127,

 1.6612, 1.3739,

302.6009, 279.5160

0.3415

355.7393,
359.9955, 335.7041

■ 0.4318, 0.1974,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0821, 59.8986,
48.8997

■ 61.0821, 59.8986,
48.8997

■ 55.8006, 52.6871,
36.8064

■ 67.0938, 67.9377,
63.1858

■ 51.2147, 46.2677,
26.7922

■ 73.8589, 76.8222,
79.7631

■ 47.2937, 40.6142,
18.7386

■ 81.4055, 86.5795,
98.7286

■ 44.0028, 35.6956,
12.5138

■ 87.4145, 96.0637,
108.5427

■ 41.3032, 31.4787,
7.9693

■ 39.1512, 27.9269,
4.9328

■ 37.4949, 24.9993,
3.1938

■ 36.8044, 23.7235,
2.6393

Harmonies

Analogous

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



63.8300, 59.8986, 55.9875



61.0821, 59.8986, 48.8997



57.3163, 59.8986, 46.1431

Triad

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



61.0821, 59.8986, 48.8997



49.8092, 59.8986, 64.1268



60.3883, 59.8986, 86.1334

Complementary

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



61.0821, 59.8986, 48.8997



55.9303, 62.0827, 86.1266

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.



56.5490, 59.8986, 88.9393



61.0821, 59.8986, 48.8997



50.5495, 59.8986, 75.4141

Square

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



61.0821, 59.8986, 48.8997



50.9047, 59.8986, 54.2861



52.9739, 59.8986, 84.8175



63.4168, 59.8986, 77.5302

Rectangle

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



61.0821, 59.8986, 48.8997



54.7748, 59.8986, 46.8691



52.9739, 59.8986, 84.8175



59.1448, 59.8986, 87.8254

Sweetspot

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



61.0837, 59.9013, 48.9009



88.7827, 91.8527, 93.2857



60.9071, 52.7732, 69.7281



18.8922, 19.5152, 19.6933



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.



61.0837, 59.9013, 48.9009



71.4466, 68.7354, 51.8848



68.0791, 73.8921, 51.2327



15.5120, 15.9470, 15.7792



20.9907, 13.6757, 1.5333



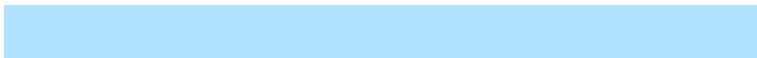
1.7369, 1.2510, 0.1499

Inverse Universe

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



55.9303, 62.0827, 86.1266



64.0752, 71.8445, 105.0980



49.4662, 49.1545, 83.9719



15.0324, 16.1512, 19.2475



14.5317, 15.7104, 46.0095



1.2319, 1.4152, 3.6431

Previews

White Background



This preview shows how the XYZ color 61.0821, 59.8986, 48.8997 looks on a white background.

Color Contrast Check

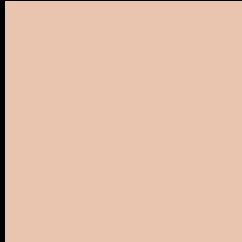
Large Text (above 18pt) WCAG AA × Fail

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 61.0821, 59.8986, 48.8997 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 61.0821, 59.8986, 48.8997

Background



This preview shows how black text looks on a background with the XYZ color 61.0821, 59.8986, 48.8997.



This preview shows how white text looks on a background with the XYZ color 61.0821, 59.8986,

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

61.0821, 59.8986, 48.8997

Protanopia

56.8324, 60.0724, 50.7192

Deuteranopia

61.0821, 59.8986, 48.8997



Tritanopia

64.6964, 59.7224, 66.5102

Trichromacy



Original Color

61.0821, 59.8986, 48.8997

Protanomaly

58.1053, 59.6985, 50.0555

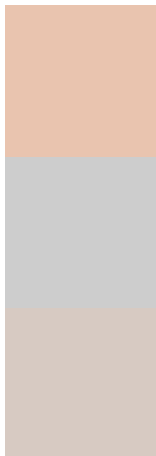
Deuteranomaly

61.0821, 59.8986, 48.8997

Tritanomaly

63.5124, 59.9129, 59.8466

Monochromacy



Original Color

61.0821, 59.8986, 48.8997

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8825, 60.5832, 59.6292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0821, 59.8986, 48.8997 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(233, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 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(233, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 175) }
```

Border

The CSS property to change the border of an element to XYZ 61.0821, 59.8986, 48.8997 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(233, 196, 175) }
```


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

```
.border{ border-color:rgb(233, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 196, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 196, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 196,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0821, 59.8986, 48.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 175) }
```

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

```
.background{ background-color: rgb(233,  
196, 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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