

Converting Colors

XYZ(61.3116, 60.0283, 48.3995)

Have a look what the booklet for
XYZ(61.3116, 60.0283, 48.3995)
contains.

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Color

**XYZ(61.3116, 60.0283,
48.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC4AE
RGB	234, 196, 174
RGB Percent	92%, 77%, 68%
CMY	0.0824, 0.2313, 0.3176
CMYK	0.00, 0.16, 0.26, 0.08
HSL	22°, 59%, 80%
HSV	22°, 26%, 92%
XYZ	61.3116, 60.0283, 48.3995
YIQ	204.8540, 29.7100, 1.2140

Conversions

Conversions Part 2

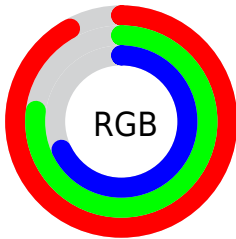
Format	Color
RYB	234, 209, 174
Decimal	15385774
CIELab	81.85, 10.24, 16.08
CIELCh	82, 19.060, 57.510
Yxy	60.0283, 0.3612, 0.3536
Android (android.graphics.Color)	4293575854 (0xFFEAC4AE)
YUV	204.8540, -15.2110, 25.5610
Hunter-Lab	77.4779, 5.6683, 17.1968

Details

The XYZ color **61.3116, 60.0283, 48.3995** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.8497, 62.0243, 86.8705**, and the grayscale version is **58.0173, 61.0387, 66.4711**.

A 20% lighter version of the original color is **90.6482, 97.2237, 88.8513**, and **31.3173, 30.0983, 22.5713** is the 20% darker color. If you saturate the color by 10%, you get **56.0475, 52.8381, 36.3535**, and if you desaturate by 10%, it is **67.3065, 68.0433, 62.6511**.

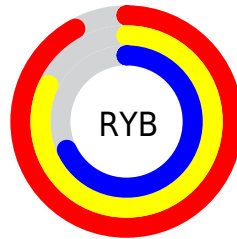
Distribution



Red (92%)

Green (77%)

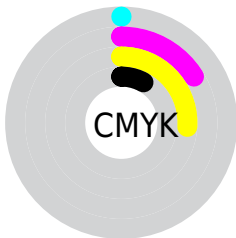
Blue (68%)



Red (92%)

Yellow (82%)

Blue (68%)

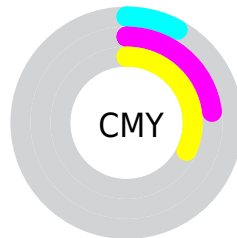


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3116, 60.0283, 48.3995 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 61.3116, 60.0283, 48.3995 by changing the saturation by 10% instead.


 61.3116, 60.0283,
48.3995

 61.3116, 60.0283,
48.3995


419.1733,
424.7021, 396.9278

 44.7302, 43.4414,
33.7811


 105.8255,
104.8707, 89.1707

 31.4453, 30.2316,
22.4495


134.4888,
133.8951, 116.1605

 21.0917, 20.0145,
13.9861


167.9100,
167.8341, 148.1113

 13.3039, 12.4056,
7.9724

206.4545,
207.0720, 185.4415

 7.7166, 7.0205,
3.9897

250.4878,
251.9934, 228.5697

 3.9644, 3.4749,
1.6197

300.3751,

 1.6820, 1.3844,

302.9827, 277.9145

0.3048

356.4818,
360.4241, 333.8943

■ 0.4450, 0.2052,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3116, 60.0283,
48.3995

■ 61.3116, 60.0283,
48.3995

■ 56.0475, 52.8381,
36.3535

■ 67.3065, 68.0433,
62.6511

■ 51.4792, 46.4371,
26.3976

■ 74.0557, 76.9007,
79.2082

■ 47.5760, 40.7991,
18.4113

■ 81.5874, 86.6279,
98.1693

■ 44.3024, 35.8932,
12.2605

■ 87.7418, 96.2325,
108.5580

■ 41.6195, 31.6862,
7.7935

■ 39.4826, 28.1413,
4.8342

■ 37.8391, 25.2175,
3.1661

■ 37.2452, 24.1192,
2.6924

Harmonies

Analogous

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



64.1941, 60.0283, 55.6531



61.3116, 60.0283, 48.3995



57.3918, 60.0283, 45.6332

Triad

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



61.3116, 60.0283, 48.3995



49.6711, 60.0283, 64.4029



60.7030, 60.0283, 87.0426

Complementary

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



61.3116, 60.0283, 48.3995



55.8497, 62.0243, 86.8705

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.



56.7197, 60.0283, 90.0838



61.3116, 60.0283, 48.3995



50.4660, 60.0283, 76.1361

Square

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



61.3116, 60.0283, 48.3995



50.7763, 60.0283, 54.1690



53.0003, 60.0283, 85.8828



63.8312, 60.0283, 77.9964

Rectangle

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



61.3116, 60.0283, 48.3995



54.7594, 60.0283, 46.4291



53.0003, 60.0283, 85.8828



59.4141, 60.0283, 88.8443

Sweetspot

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



61.3132, 60.0311, 48.4007



87.9541, 90.7879, 91.1828



60.9519, 52.5187, 69.2125



18.5548, 19.0779, 18.8488



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.



61.3132, 60.0311, 48.4007



70.8888, 68.0272, 50.4427



68.7684, 74.9415, 50.8858



15.5178, 15.9587, 15.7812



21.0394, 13.7731, 1.5496



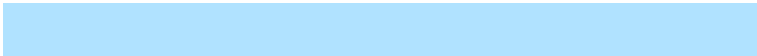
1.7411, 1.2596, 0.1514

Inverse Universe

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



55.8497, 62.0243, 86.8705



63.1419, 70.8417, 104.9536



49.0354, 48.3958, 84.5991



15.0263, 16.1391, 19.2454



14.4366, 15.5201, 45.9778



1.2248, 1.4011, 3.6408

Previews

White Background



This preview shows how the XYZ color 61.3116, 60.0283, 48.3995 looks on a white background.

Color Contrast Check

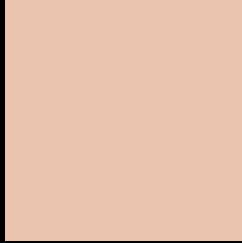
Large Text (above 18pt) WCAG AA × Fail

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 61.3116, 60.0283, 48.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

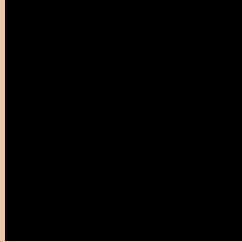
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3116, 60.0283, 48.3995

Background



This preview shows how black text looks on a background with the XYZ color 61.3116, 60.0283, 48.3995.



This preview shows how white text looks on a background with the XYZ color 61.3116, 60.0283,

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

61.3116, 60.0283, 48.3995

Protanopia

56.8324, 60.0724, 50.7192

Deuteranopia

61.3116, 60.0283, 48.3995



Tritanopia

65.0313, 59.8950, 66.5259

Trichromacy



Original Color

61.3116, 60.0283, 48.3995

Protanomaly

58.4089, 59.8550, 50.0697

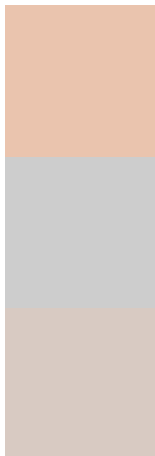
Deuteranomaly

61.3116, 60.0283, 48.3995

Tritanomaly

63.7326, 60.0395, 59.2686

Monochromacy



Original Color

61.3116, 60.0283, 48.3995

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.1770, 60.7350, 59.6430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3116, 60.0283, 48.3995 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(234, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 196, 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(234, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 196, 174) }
```

Border

The CSS property to change the border of an element to XYZ 61.3116, 60.0283, 48.3995 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(234, 196, 174) }
```


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

```
.border{ border-color:rgb(234, 196, 174) }
```

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

Here you see how a box with a 4 pixel rgb(234, 196, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 196,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3116, 60.0283, 48.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 196, 174) }
```

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

```
.background{ background-color: rgb(234,  
196, 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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