

Converting Colors

XYZ(61.1414, 59.8183, 46.9815)

Have a look what the booklet for
XYZ(61.1414, 59.8183, 46.9815)
contains.

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Color

**XYZ(61.3516, 60.0823,
46.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC4AB
RGB	235, 196, 171
RGB Percent	92%, 77%, 67%
CMY	0.0784, 0.2313, 0.3294
CMYK	0.00, 0.17, 0.27, 0.08
HSL	23°, 62%, 80%
HSV	23°, 27%, 92%
XYZ	61.3516, 60.0823, 46.8915
YIQ	204.8110, 31.2690, 0.4930

Conversions

Conversions Part 2

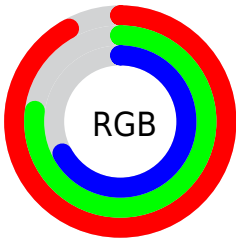
Format	Color
R _Y B	235, 212, 171
Decimal	15451307
CIE Lab	81.88, 10.21, 17.73
CIE LCh	82, 20.457, 60.074
Yxy	60.0823, 0.3645, 0.3569
Android (android.graphics.Color)	4293641387 (0xFFEBC4AB)
YUV	204.8110, -16.6688, 26.4758
Hunter-Lab	77.5128, 5.6359, 18.3913

Details

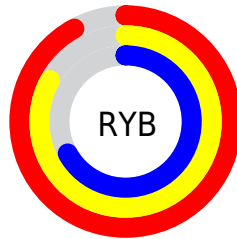
The XYZ color **61.3516, 60.0823, 46.8915** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.8360, 60.7476, 87.4329**, and the grayscale version is **57.9982, 61.0186, 66.4493**.

A 20% lighter version of the original color is **90.0927, 97.0015, 85.9263**, and **31.3629, 30.1429, 21.6179** is the 20% darker color. If you saturate the color by 10%, you get **56.2310, 53.1125, 35.0986**, and if you desaturate by 10%, it is **67.1819, 67.8334, 60.8871**.

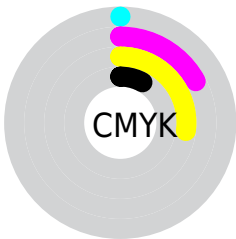
Distribution



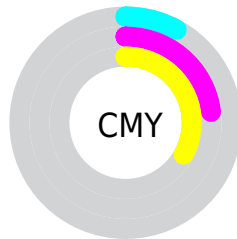
- Red (92%)
- Green (77%)
- Blue (67%)



- Red (92%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (8%)





- Cyan (8%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3516, 60.0823, 46.8915 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 61.3516, 60.0823, 46.8915 by changing the saturation by 10% instead.


 61.3516, 60.0823,
46.8915

 61.3516, 60.0823,
46.8915


419.3173,
424.9011, 390.7625

 44.7626, 43.4850,
32.5962


 105.8831,
104.9490, 86.8999

 31.4710, 30.2658,
21.5487


134.5563,
133.9873, 113.4501

 21.1113, 20.0404,
13.3305

167.9883,
167.9412, 144.9223

 13.3183, 12.4244,
7.5231

206.5444,
207.1953, 181.7350

 7.7266, 7.0334,
3.7080

250.5900,
252.1340, 224.3069

 3.9708, 3.4830,
1.4666

300.4905,

 1.6857, 1.3888,

303.1415, 273.0564

0.1928

356.6111,
360.6024, 328.4021

■ 0.4473, 0.2084,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3516, 60.0823,
46.8915

■ 61.3516, 60.0823,
46.8915

■ 56.2310, 53.1125,
35.0986

■ 67.1819, 67.8334,
60.8871

■ 51.7856, 46.8902,
25.3906

■ 73.7450, 76.3819,
77.1872

■ 47.9851, 41.3909,
17.6444

■ 81.0686, 85.7537,
95.8918

■ 44.7945, 36.5856,
11.7222

■ 87.5249, 95.3099,
108.3913

■ 42.1748, 32.4429,
7.4682

■ 88.0711, 96.4023,
108.5734

■ 40.0816, 28.9282,
4.6995

■ 38.4592, 26.0013,
3.1784

■ 38.0722, 25.2844,
2.8738

Harmonies

Analogous

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



64.6008, 60.0823, 54.2073



61.3516, 60.0823, 46.8915



57.0957, 60.0823, 44.3966

Triad

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



61.3516, 60.0823, 46.8915



49.1959, 60.0823, 65.4501



61.3711, 60.0823, 88.2420

Complementary

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



61.3516, 60.0823, 46.8915



54.8360, 60.7476, 87.4329

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.



57.1171, 60.0823, 92.2098



61.3516, 60.0823, 46.8915



50.2153, 60.0823, 78.0798

Square

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



61.3516, 60.0823, 46.8915



50.2055, 60.0823, 54.2542



53.0617, 60.0823, 88.2794



64.6124, 60.0823, 78.0201

Rectangle

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



61.3516, 60.0823, 46.8915



54.3025, 60.0823, 45.5221



53.0617, 60.0823, 88.2794



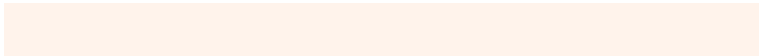
60.0053, 60.0823, 90.4049

Sweetspot

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



61.3532, 60.0851, 46.8927



88.0998, 91.0793, 91.2313



60.5155, 51.4651, 68.0229



18.5914, 19.1510, 18.8610



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.



61.3532, 60.0851, 46.8927



70.1045, 67.2508, 47.7389



69.2273, 75.8333, 49.5174



15.5481, 16.0193, 15.7913



21.3043, 14.3028, 1.6379



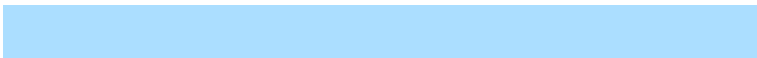
1.7640, 1.3053, 0.1590

Inverse Universe

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



54.8360, 60.7476, 87.4329



60.9658, 68.1689, 104.5524



47.8041, 46.6837, 85.0889



14.9951, 16.0765, 19.2350



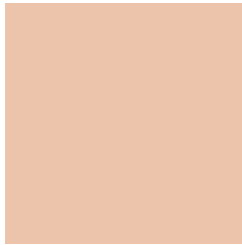
13.9555, 14.5580, 45.8174



1.1889, 1.3293, 3.6288

Previews

White Background



This preview shows how the XYZ color 61.3516, 60.0823, 46.8915 looks on a white background.

Color Contrast Check

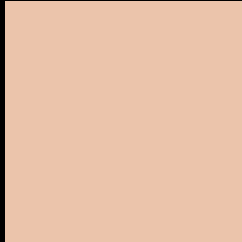
Large Text (above 18pt) WCAG AA × Fail

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 61.3516, 60.0823, 46.8915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

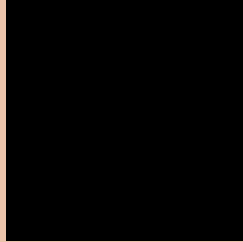
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3516, 60.0823, 46.8915

Background



This preview shows how black text looks on a background with the XYZ color 61.3516, 60.0823, 46.8915.



This preview shows how white text looks on a background with the XYZ color 61.3516, 60.0823,

46.8915.

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

61.3516, 60.0823, 46.8915

Protanopia

56.8254, 60.1032, 49.1635

Deuteranopia

61.3516, 60.0823, 46.8915



Tritanopia

65.3680, 60.0686, 66.5416

Trichromacy



Original Color

61.3516, 60.0823, 46.8915

Protanomaly

58.4185, 59.8941, 48.5261

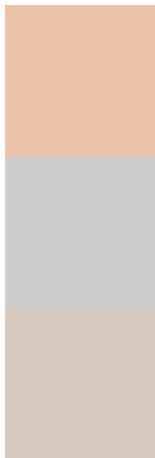
Deuteranomaly

61.3516, 60.0823, 46.8915

Tritanomaly

63.9555, 60.1673, 58.6947

Monochromacy



Original Color

61.3516, 60.0823, 46.8915

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.0651, 60.6902, 59.0534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3516, 60.0823, 46.8915 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(235, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 171)  
}
```

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(235, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 171) }
```

Border

The CSS property to change the border of an element to XYZ 61.3516, 60.0823, 46.8915 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(235, 196, 171) }
```


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

```
.border{ border-color:rgb(235, 196, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3516, 60.0823, 46.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 171) }
```

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

```
.background{ background-color: rgb(235,  
196, 171) }
```

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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