

Converting Colors

XYZ(61.5297, 60.7460, 46.2767)

Have a look what the booklet for
XYZ(61.5297, 60.7460, 46.2767)
contains.

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Color

**XYZ(61.7107, 60.9526,
46.5427)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC6AA
RGB	235, 198, 170
RGB Percent	92%, 78%, 67%
CMY	0.0784, 0.2235, 0.3333
CMYK	0.00, 0.16, 0.28, 0.08
HSL	26°, 62%, 79%
HSV	26°, 28%, 92%
XYZ	61.7107, 60.9526, 46.5427
YIQ	205.8710, 31.0400, -0.8640

Conversions

Conversions Part 2

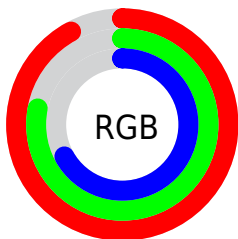
Format	Color
R _Y B	235, 219, 170
Decimal	15451818
CIE Lab	82.35, 9.02, 18.92
CIE LCh	82, 20.956, 64.507
Yxy	60.9526, 0.3647, 0.3602
Android (android.graphics.Color)	4293641898 (0xFFEBC6AA)
YUV	205.8710, -17.6844, 25.5461
Hunter-Lab	78.0721, 4.4658, 19.3048

Details

The XYZ color **61.7107, 60.9526, 46.5427** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8852, 59.1680, 87.1780**, and the grayscale version is **58.6807, 61.7366, 67.2312**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **31.6034, 30.7195, 21.4033** is the 20% darker color. If you saturate the color by 10%, you get **56.7602, 54.2968, 34.8879**, and if you desaturate by 10%, it is **67.3318, 68.3130, 60.3829**.

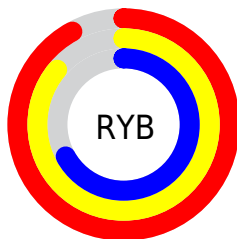
Distribution



Red (92%)

Green (78%)

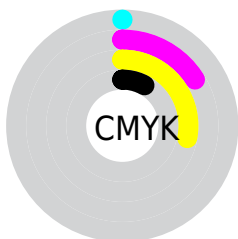
Blue (67%)



Red (92%)

Yellow (86%)

Blue (67%)

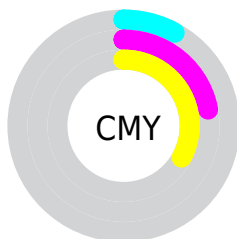


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (8%)



Cyan (8%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7107, 60.9526, 46.5427 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 61.7107, 60.9526, 46.5427 by changing the saturation by 10% instead.


 61.7107, 60.9526,
46.5427

 61.7107, 60.9526,
46.5427


420.6094,
428.1002, 389.3270

 45.0537, 44.1869,
32.3225


 106.3996,
106.2103, 86.3734

 31.7012, 30.8175,
21.3411


135.1622,
135.4711, 112.8211

 21.2878, 20.4599,
13.1799


168.6907,
169.6657, 144.1816

 13.4482, 12.7298,
7.4204

207.3505,
209.1786, 180.8737

 7.8170, 7.2427,
3.6440

251.5069,
254.3941, 223.3157

 4.0289, 3.6144,
1.4321

301.5253,

 1.7185, 1.4603,

305.6966, 271.9262

0.1666

357.7710,
363.4705, 327.1238

■ 0.4678, 0.2605,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7107, 60.9526,
46.5427

■ 61.7107, 60.9526,
46.5427

■ 56.7602, 54.2968,
34.8879

■ 67.3318, 68.3130,
60.3829

■ 52.4475, 48.3148,
25.3008

■ 73.6450, 76.3907,
76.5101

■ 48.7437, 42.9856,
17.6585

■ 80.6766, 85.2089,
95.0242

■ 45.6155, 38.2839,
11.8231

■ 86.9667, 94.1935,
108.2053

■ 43.0260, 34.1822,
7.6385

■ 88.0710, 96.4022,
108.5734

■ 40.9324, 30.6501,
4.9212

■ 39.2798, 27.6515,
3.4250

■ 38.9389, 27.0179,
3.1627

Harmonies

Analogous

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



65.3059, 60.9526, 53.3811



61.7107, 60.9526, 46.5427



57.2612, 60.9526, 44.7356

Triad

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



61.7107, 60.9526, 46.5427



49.7838, 60.9526, 68.3192



62.9383, 60.9526, 88.7784

Complementary

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



61.7107, 60.9526, 46.5427



53.8852, 59.1680, 87.1780

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.



58.6113, 60.9526, 94.0425



61.7107, 60.9526, 46.5427



51.1382, 60.9526, 81.3046

Square

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



61.7107, 60.9526, 46.5427



50.5195, 60.9526, 56.3300



54.3139, 60.9526, 91.1463



66.0398, 60.9526, 77.5307

Rectangle

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



61.7107, 60.9526, 46.5427



54.4425, 60.9526, 46.4015



54.3139, 60.9526, 91.1463



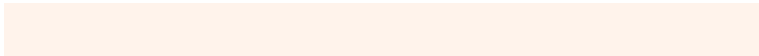
61.5709, 60.9526, 91.3678

Sweetspot

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



61.7123, 60.9554, 46.5440



88.3449, 91.5695, 91.3130



60.0110, 50.9622, 66.2950



18.6530, 19.2741, 18.8815



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.



61.7123, 60.9554, 46.5440



70.9148, 68.8714, 48.0090



69.6980, 76.9267, 49.2058



15.5992, 16.1214, 15.8083



21.7925, 15.2792, 1.8006



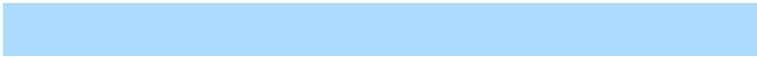
1.8051, 1.3875, 0.1727

Inverse Universe

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



53.8852, 59.1680, 87.1780



60.0768, 66.3909, 104.2561



46.9848, 45.3673, 84.8778



14.9428, 15.9721, 19.2176



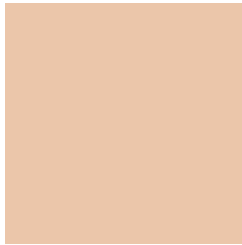
13.2004, 13.0478, 45.5657



1.1318, 1.2151, 3.6098

Previews

White Background



This preview shows how the XYZ color 61.7107, 60.9526, 46.5427 looks on a white background.

Color Contrast Check

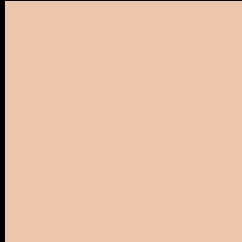
Large Text (above 18pt) WCAG AA × Fail

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 61.7107, 60.9526, 46.5427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

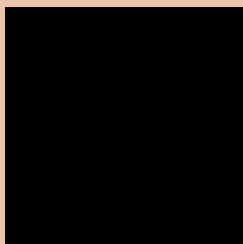
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7107, 60.9526, 46.5427

Background



This preview shows how black text looks on a background with the XYZ color 61.7107, 60.9526, 46.5427.



This preview shows how white text looks on a background with the XYZ color 61.7107, 60.9526,

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

61.7107, 60.9526, 46.5427

Protanopia

57.6930, 61.2787, 48.3224

Deuteranopia

62.1470, 60.8393, 46.4979



Tritanopia

66.0517, 61.0447, 67.9760

Trichromacy



Original Color

61.7107, 60.9526, 46.5427

Protanomaly

58.9983, 60.9076, 47.6765

Deuteranomaly

61.8140, 60.6677, 46.4823

Tritanomaly

64.5126, 61.1024, 59.4327

Monochromacy



Original Color

61.7107, 60.9526, 46.5427

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.5968, 61.3138, 59.1457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7107, 60.9526, 46.5427 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, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 170)  
}
```

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, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.7107, 60.9526, 46.5427 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, 198, 170) }
```


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

```
.border{ border-color:rgb(235, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7107, 60.9526, 46.5427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 170) }
```

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

```
.background{ background-color: rgb(235,  
198, 170) }
```

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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