

Converting Colors

XYZ(61.5437, 60.1592, 47.9033)

Have a look what the booklet for
XYZ(61.5437, 60.1592, 47.9033)
contains.

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Color

**XYZ(61.5437, 60.1592,
47.9033)**

Conversions

Conversions Part 1	
Format	Color
Hex	EBC4AD
RGB	235, 196, 173
RGB Percent	92%, 77%, 68%
CMY	0.0784, 0.2313, 0.3216
CMYK	0.00, 0.17, 0.26, 0.08
HSL	22°, 61%, 80%
HSV	22°, 26%, 92%
XYZ	61.5437, 60.1592, 47.9033
YIQ	205.0390, 30.6270, 1.1150

Conversions

Conversions Part 2

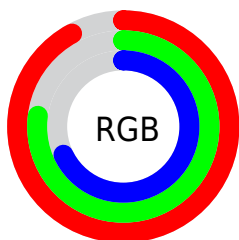
Format	Color
RYB	235, 210, 173
Decimal	15451309
CIELab	81.92, 10.48, 16.72
CIELCh	82, 19.734, 57.934
Yxy	60.1592, 0.3629, 0.3547
Android (android.graphics.Color)	4293641389 (0xFFEBC4AD)
YUV	205.0390, -15.7952, 26.2758
Hunter-Lab	77.5624, 5.9009, 17.6755

Details

The XYZ color **61.5437, 60.1592, 47.9033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7718, 61.9674, 87.6189**, and the grayscale version is **58.1382, 61.1659, 66.6096**.

A 20% lighter version of the original color is **90.3689, 97.1120, 87.3803**, and **31.4843, 30.1915, 22.2573** is the 20% darker color. If you saturate the color by 10%, you get **56.2958, 52.9878, 35.9047**, and if you desaturate by 10%, it is **67.5233, 68.1531, 62.1203**.

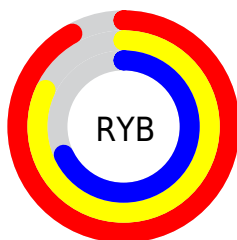
Distribution



Red (92%)

Green (77%)

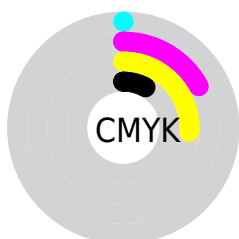
Blue (68%)



Red (92%)

Yellow (82%)

Blue (68%)

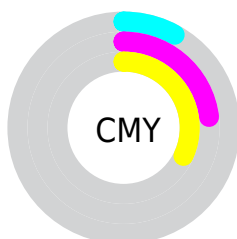


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5437, 60.1592, 47.9033 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 61.5437, 60.1592, 47.9033 by changing the saturation by 10% instead.


 61.5437, 60.1592,
47.9033

 61.5437, 60.1592,
47.9033

420.0088,
425.1843, 394.9064

 44.9183, 43.5470,
33.3909


 106.1594,
105.0606, 88.4245

 31.5941, 30.3145,
22.1525


134.8805,
134.1185, 115.2703

 21.2057, 20.0774,
13.7696

168.3641,
168.0938, 147.0643

 13.3878, 12.4513,
7.8237

206.9758,
207.3708, 184.2250

 7.7749, 7.0518,
3.8962

251.0807,
252.3340, 227.1711

 4.0019, 3.4945,
1.5686

301.0443,


 1.7032, 1.3950,


303.3677, 276.3210


0.2682


357.2319,
360.8564, 332.0932

 0.4583, 0.2131,
0.0000


 0.0000, 0.0000,
0.0000


 61.5437, 60.1592,
47.9033


 61.5437, 60.1592,
47.9033


 56.2958, 52.9878,
35.9047


 67.5233, 68.1531,
62.1203


 51.7443, 46.6032,
26.0072

 74.2582, 76.9870,
78.6574

 47.8582, 40.9793,
18.0885

 81.7770, 86.6884,
97.6141

 44.6016, 36.0852,
12.0118

 88.0710, 96.4022,
108.5734

■ 41.9350, 31.8875,
7.6224

■ 39.8133, 28.3495,
4.7402

■ 38.1820, 25.4296,
3.1401

■ 37.6852, 24.5104,
2.7448

Harmonies

Analogous

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



64.5616, 60.1592, 55.3219



61.5437, 60.1592, 47.9033



57.4691, 60.1592, 45.1266

Triad

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



61.5437, 60.1592, 47.9033



49.5336, 60.1592, 64.6787



61.0193, 60.1592, 87.9626

Complementary

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



61.5437, 60.1592, 47.9033



55.7718, 61.9674, 87.6189

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.



56.8909, 60.1592, 91.2417



61.5437, 60.1592, 47.9033



50.3828, 60.1592, 76.8626

Square

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



61.5437, 60.1592, 47.9033



50.6489, 60.1592, 54.0506



53.0267, 60.1592, 86.9588



64.2486, 60.1592, 78.4690

Rectangle

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



61.5437, 60.1592, 47.9033



54.7454, 60.1592, 45.9910



53.0267, 60.1592, 86.9588



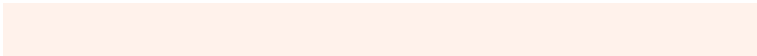
59.6847, 60.1592, 89.8753

Sweetspot

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



61.5453, 60.1620, 47.9045



87.9802, 90.8402, 91.1915



61.1223, 52.3169, 69.3410



18.5614, 19.0910, 18.8510



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.



61.5453, 60.1620, 47.9045



70.3379, 67.3252, 49.0263



69.2003, 75.4720, 50.4562



15.5233, 15.9695, 15.7830



21.0856, 13.8653, 1.5649



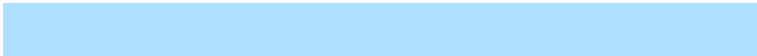
1.7451, 1.2676, 0.1527

Inverse Universe

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



55.7718, 61.9674, 87.6189



62.2224, 69.8504, 104.8107



48.8078, 48.0394, 85.2976



15.0207, 16.1279, 19.2436



14.3485, 15.3440, 45.9484



1.2183, 1.3880, 3.6386

Previews

White Background



This preview shows how the XYZ color 61.5437, 60.1592, 47.9033 looks on a white background.

Color Contrast Check

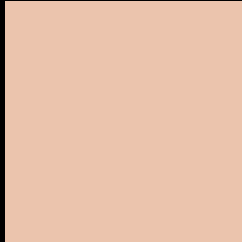
Large Text (above 18pt) WCAG AA × Fail

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 61.5437, 60.1592, 47.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

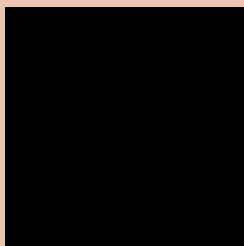
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5437, 60.1592, 47.9033

Background



This preview shows how black text looks on a background with the XYZ color 61.5437, 60.1592, 47.9033.



This preview shows how white text looks on a background with the XYZ color 61.5437, 60.1592,

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

61.5437, 60.1592, 47.9033

Protanopia

57.0233, 60.1823, 50.2059

Deuteranopia

61.5437, 60.1592, 47.9033




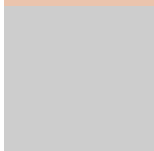
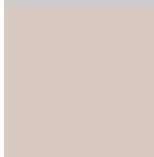
Tritanopia

65.3680, 60.0686, 66.5416

Trichromacy

	Original Color 61.5437, 60.1592, 47.9033
	Protanomaly 58.6150, 59.9727, 49.5609
	Deuteranomaly 61.5437, 60.1592, 47.9033
	Tritanomaly 64.0675, 60.2121, 59.2843

Monochromacy

	Original Color 61.5437, 60.1592, 47.9033
	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 61.5437, 60.1592, 47.9033 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, 173) looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 173) }
```

Border

The CSS property to change the border of an element to XYZ 61.5437, 60.1592, 47.9033 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, 173) }
```


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

```
.border{ border-color:rgb(235, 196, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5437, 60.1592, 47.9033 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, 173) }
```

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

```
.background{ background-color: rgb(235,  
196, 173) }
```

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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