

Converting Colors

XYZ(58.5202, 59.8920, 46.8445)

Have a look what the booklet for
XYZ(58.5202, 59.8920, 46.8445)
contains.

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Color

**XYZ(58.7454, 60.0961,
47.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C8AB
RGB	224, 200, 171
RGB Percent	88%, 78%, 67%
CMY	0.1216, 0.2157, 0.3294
CMYK	0.00, 0.11, 0.24, 0.12
HSL	33°, 46%, 77%
HSV	33°, 24%, 88%
XYZ	58.7454, 60.0961, 47.0316
YIQ	203.8700, 23.6130, -3.9310

Conversions

Conversions Part 2

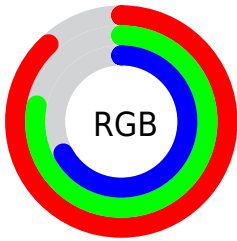
Format	Color
R _Y B	215, 224, 171
Decimal	14731435
CIE Lab	81.89, 3.97, 17.59
CIE LCh	82, 18.034, 77.296
Yxy	60.0961, 0.3542, 0.3623
Android (android.graphics.Color)	4292921515 (0xFFE0C8AB)
YUV	203.8700, -16.2049, 17.6540
Hunter-Lab	77.5217, -0.3968, 18.2945

Details

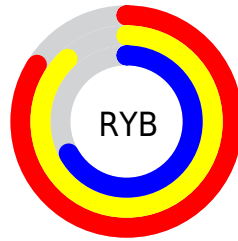
The XYZ color **58.7454, 60.0961, 47.0316** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7639, 53.0686, 78.1417**, and the grayscale version is **57.4024, 60.3918, 65.7666**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **29.7571, 30.2145, 21.7164** is the 20% darker color. If you saturate the color by 10%, you get **54.5177, 54.7726, 35.9661**, and if you desaturate by 10%, it is **63.4940, 65.8814, 60.0572**.

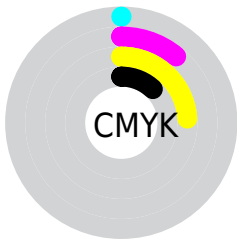
Distribution



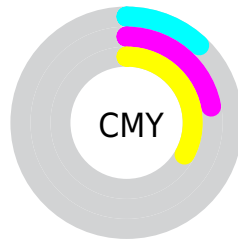
- Red (88%)
- Green (78%)
- Blue (67%)



- Red (84%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7454, 60.0961, 47.0316 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 58.7454, 60.0961, 47.0316 by changing the saturation by 10% instead.


 58.7454, 60.0961,
47.0316

 58.7454, 60.0961,
47.0316


409.8670,
424.9519, 391.3381

 42.6538, 43.4961,
32.7061


 102.1243,
104.9691, 87.1113

 29.8069, 30.2746,
21.6321


130.1423,
134.0108, 113.7025

 19.8394, 20.0471,
13.3911

162.8664,
167.9686, 145.2195

 12.3859, 12.4293,
7.5645

200.6621,
207.2268, 182.0806

 7.0812, 7.0367,
3.7338

243.8946,
252.1699, 224.7045

 3.5597, 3.4851,
1.4805

292.9294,

 1.4562, 1.3899,

303.1821, 273.5097

0.2033

348.1317,
360.6480, 328.9147

■ 0.2957, 0.2093,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7454, 60.0961,
47.0316

■ 58.7454, 60.0961,
47.0316

■ 54.5177, 54.7726,
35.9661

■ 63.4940, 65.8814,
60.0572

■ 50.7848, 49.8896,
26.7599

■ 68.7786, 72.1329,
75.1295

■ 47.5255, 45.4355,
19.3090

■ 74.6195, 78.8655,
92.3341

■ 44.7148, 41.3953,
13.4971

■ 80.1191, 85.7245,
106.9315

■ 42.3247, 37.7525,
9.1941

■ 83.1981, 91.8824,
107.9578

■ 40.3236, 34.4891,
6.2494

■ 84.5506, 94.5873,
108.4086

■ 38.6735, 31.5842,
4.4807

■ 37.7723, 29.9107,
3.7825

Harmonies

Analogous

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



62.2321, 60.0961, 51.1993



58.7454, 60.0961, 47.0316



54.9697, 60.0961, 47.3814

Triad

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



58.7454, 60.0961, 47.0316



50.4083, 60.0961, 71.8705



62.6724, 60.0961, 80.7158

Complementary

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



58.7454, 60.0961, 47.0316



49.7639, 53.0686, 78.1417

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.



59.3247, 60.0961, 87.5736



58.7454, 60.0961, 47.0316



52.2950, 60.0961, 82.0902

Square

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



58.7454, 60.0961, 47.0316



50.2687, 60.0961, 60.9291



55.5240, 60.0961, 88.1029



64.5661, 60.0961, 70.1565

Rectangle

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



58.7454, 60.0961, 47.0316



52.7957, 60.0961, 50.1265



55.5240, 60.0961, 88.1029



61.6732, 60.0961, 83.5790

Sweetspot

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



58.7470, 60.0988, 47.0329



89.7839, 93.8549, 93.6194



55.2374, 48.9472, 58.6026



19.1239, 19.9786, 19.7706



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.



58.7470, 60.0988, 47.0329



76.1505, 77.3053, 56.0357



64.2024, 71.8183, 49.0074



14.3258, 14.9376, 14.4350



22.1026, 17.6430, 2.2405



1.6212, 1.4012, 0.1850

Inverse Universe

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



49.7639, 53.0686, 78.1417



62.2583, 66.4348, 104.1496



45.2002, 43.3661, 76.5094



13.4606, 14.2603, 17.4307



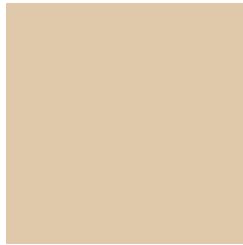
10.6754, 8.8203, 42.1882



0.8285, 0.7885, 2.9538

Previews

White Background



This preview shows how the XYZ color 58.7454, 60.0961, 47.0316 looks on a white background.

Color Contrast Check

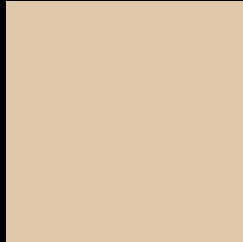
Large Text (above 18pt) WCAG AA × Fail

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 58.7454, 60.0961, 47.0316 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 58.7454, 60.0961, 47.0316

Background



This preview shows how black text looks on a background with the XYZ color 58.7454, 60.0961, 47.0316.



This preview shows how white text looks on a background with the XYZ color 58.7454, 60.0961,

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

58.7454, 60.0961, 47.0316

Protanopia

56.6303, 60.0251, 48.1364

Deuteranopia

61.4473, 60.1206, 47.3955



Tritanopia

63.4611, 60.3414, 69.2751

Trichromacy



Original Color

58.7454, 60.0961, 47.0316

Protanomaly

57.4804, 60.1250, 47.6055

Deuteranomaly

60.3676, 59.9000, 47.4099

Tritanomaly

61.6086, 60.2489, 60.6066

Monochromacy



Original Color

58.7454, 60.0961, 47.0316

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7343, 60.3665, 58.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7454, 60.0961, 47.0316 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(224, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 200, 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(224, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 200, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.7454, 60.0961, 47.0316 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(224, 200, 171) }
```


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

```
.border{ border-color:rgb(224, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 200,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7454, 60.0961, 47.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 200, 171) }
```

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

```
.background{ background-color: rgb(224,  
200, 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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