

Converting Colors

XYZ(58.4604, 58.8271, 36.6834)

Have a look what the booklet for
XYZ(58.4604, 58.8271, 36.6834)
contains.

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Color

**XYZ(58.4435, 58.8056,
36.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C495
RGB	232, 196, 149
RGB Percent	91%, 77%, 58%
CMY	0.0902, 0.2313, 0.4157
CMYK	0.00, 0.16, 0.36, 0.09
HSL	34°, 64%, 75%
HSV	34°, 36%, 91%
XYZ	58.4435, 58.8056, 36.7041
YIQ	201.4060, 36.5430, -6.9850

Conversions

Conversions Part 2

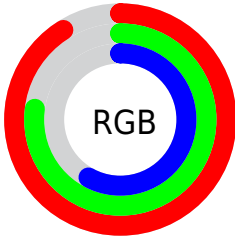
Format	Color
R _Y B	213, 232, 149
Decimal	15254677
CIE _{Lab}	81.18, 6.28, 28.37
CIE _{LCh}	81, 29.054, 77.522
Yxy	58.8056, 0.3796, 0.3820
Android (android.graphics.Color)	4293444757 (0xFFE8C495)
YUV	201.4060, -25.8362, 26.8309
Hunter-Lab	76.6848, 1.8411, 25.3010

Details

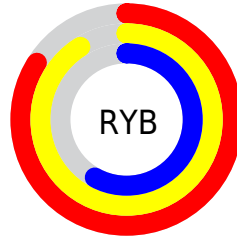
The XYZ color **58.4435, 58.8056, 36.7041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.3084, 46.9122, 83.0637**, and the grayscale version is **55.9102, 58.8218, 64.0570**.

A 20% lighter version of the original color is **87.1448, 95.8224, 70.4025**, and **29.5568, 29.3418, 15.6610** is the 20% darker color. If you saturate the color by 10%, you get **54.5791, 53.7516, 27.1701**, and if you desaturate by 10%, it is **62.8321, 64.3171, 48.2343**.

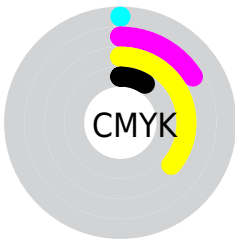
Distribution



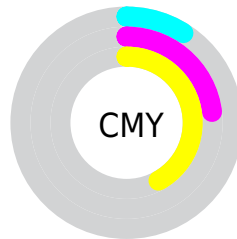
- Red (91%)
- Green (77%)
- Blue (58%)



- Red (84%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4435, 58.8056, 36.7041 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 58.4435, 58.8056, 36.7041 by changing the saturation by 10% instead.


 58.4435, 58.8056,
36.7041

 58.4435, 58.8056,
36.7041


408.7638,
420.1811, 347.1577

 42.4099, 42.4566,
24.6845


 101.6877,
103.0951, 71.2987

 29.6149, 29.4590,
15.6253

 129.6290,
131.8044, 94.7107

 19.6931, 19.4283,
9.1079


162.2703,
165.4026, 122.7573

 12.2791, 11.9802,
4.7139

199.9769,
204.2741, 155.8571

 7.0076, 6.7302,
2.0246

243.1142,
248.8033, 194.4284

 3.5132, 3.2939,
0.5703

292.0476,

 1.4306, 1.2871,

299.3746, 238.8899

0.0000

347.1423,
356.3724, 289.6602

■ 0.2779, 0.1311,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4435, 58.8056,
36.7041

■ 58.4435, 58.8056,
36.7041

■ 54.5791, 53.7516,
27.1701

■ 62.8321, 64.3171,
48.2343

■ 51.2095, 49.1321,
19.5118

■ 67.7634, 70.2917,
61.8645

■ 48.3086, 44.9340,
13.6010

■ 73.2606, 76.7453,
77.6955

■ 45.8459, 41.1401,
9.2918

■ 79.3438, 83.6903,
95.8205

■ 43.7859, 37.7309,
6.4140

■ 84.3796, 90.4775,
107.6244

■ 42.0858, 34.6839,
4.7580

■ 87.0888, 95.8958,
108.5274

■ 41.4472, 33.4927,
4.2802

Harmonies

Analogous

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



64.1201, 58.8056, 42.4718



58.4435, 58.8056, 36.7041



52.4641, 58.8056, 37.2302

Triad

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



58.4435, 58.8056, 36.7041



45.5201, 58.8056, 74.5899



64.9166, 58.8056, 89.2579

Complementary

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



58.4435, 58.8056, 36.7041



44.3084, 46.9122, 83.0637

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.



59.4681, 58.8056, 101.3317



58.4435, 58.8056, 36.7041



48.4015, 58.8056, 91.8699

Square

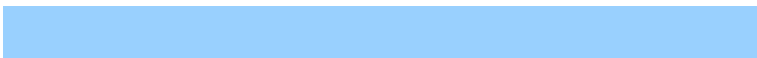
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.4435, 58.8056, 36.7041



45.2895, 58.8056, 57.0993



53.4177, 58.8056, 102.3657



68.0344, 58.8056, 71.4984

Rectangle

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



58.4435, 58.8056, 36.7041



49.1046, 58.8056, 41.0794



53.4177, 58.8056, 102.3657



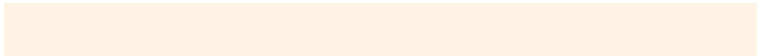
63.2798, 58.8056, 94.2447

Sweetspot

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



58.4450, 58.8083, 36.7053



87.0996, 90.8060, 85.5735



52.9268, 42.2114, 52.0084



18.4462, 19.2046, 17.7519



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.



58.4450, 58.8083, 36.7053



68.7993, 68.1580, 36.4595



66.2291, 76.3528, 39.6815



15.0509, 15.7158, 15.1446



23.1374, 18.8489, 2.4187



1.8017, 1.5768, 0.2094

Inverse Universe

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



44.3084, 46.9122, 83.0637



48.8372, 51.3684, 101.9488



38.4788, 34.1088, 80.8997



14.0944, 14.9101, 18.2794



10.7689, 8.5999, 43.4755



0.8867, 0.8173, 3.2430

Previews

White Background



This preview shows how the XYZ color 58.4435, 58.8056, 36.7041 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 58.4435, 58.8056, 36.7041 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 58.4435, 58.8056, 36.7041

Background



This preview shows how black text looks on a background with the XYZ color 58.4435, 58.8056, 36.7041.



This preview shows how white text looks on a background with the XYZ color 58.4435, 58.8056,

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

58.4435, 58.8056, 36.7041

Protanopia

55.0253, 59.0744, 37.7805

Deuteranopia

59.8349, 58.5191, 36.9958



Tritanopia

64.2370, 58.8841, 64.4800

Trichromacy



Original Color

58.4435, 58.8056, 36.7041

Protanomaly

56.2835, 59.0402, 37.2836

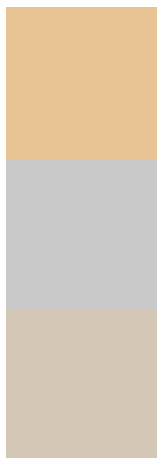
Deuteranomaly

59.3889, 58.6184, 37.0385

Tritanomaly

61.9890, 58.9510, 52.9113

Monochromacy



Original Color

58.4435, 58.8056, 36.7041

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.0183, 58.2213, 52.5413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4435, 58.8056, 36.7041 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(232, 196, 149)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 149)  
}
```

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(232, 196, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 149) }
```

Border

The CSS property to change the border of an element to XYZ 58.4435, 58.8056, 36.7041 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(232, 196, 149) }
```


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

```
.border{ border-color:rgb(232, 196, 149) }
```

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

Here you see how a box with a 4 pixel rgb(232, 196, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 149);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4435, 58.8056, 36.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 149) }
```

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

```
.background{ background-color: rgb(232,  
196, 149) }
```

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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