

Converting Colors

XYZ(57.4209, 56.9059, 39.9116)

Have a look what the booklet for
XYZ(57.4209, 56.9059, 39.9116)
contains.

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Color

**XYZ(57.2485, 56.7916,
39.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C09D
RGB	229, 192, 157
RGB Percent	90%, 75%, 62%
CMY	0.1020, 0.2470, 0.3843
CMYK	0.00, 0.16, 0.31, 0.10
HSL	29°, 58%, 76%
HSV	29°, 31%, 90%
XYZ	57.2485, 56.7916, 39.8428
YIQ	199.0730, 33.2870, -3.0410

Conversions

Conversions Part 2

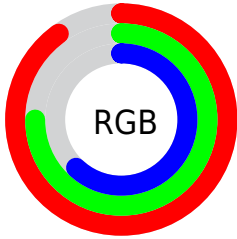
Format	Color
R_{YB}	229, 225, 157
Decimal	15057053
CIE _{Lab}	80.06, 8.20, 22.57
CIE _{LCh}	80, 24.015, 70.042
Yxy	56.7916, 0.3720, 0.3691
Android (android.graphics.Color)	4293247133 (0xFFE5C09D)
YUV	199.0730, -20.7420, 26.2460
Hunter-Lab	75.3602, 3.7198, 21.4056

Details

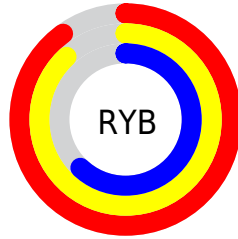
The XYZ color **57.2485, 56.7916, 39.8428** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3386, 51.4071, 81.5563**, and the grayscale version is **54.4407, 57.2758, 62.3734**.

A 20% lighter version of the original color is **86.6911, 93.1483, 75.6977**, and **28.7957, 28.2558, 17.3008** is the 20% darker color. If you saturate the color by 10%, you get **52.9929, 51.1213, 29.6658**, and if you desaturate by 10%, it is **62.0801, 63.0269, 52.0209**.

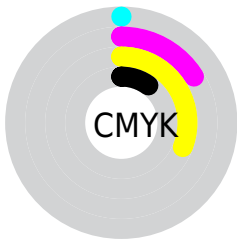
Distribution



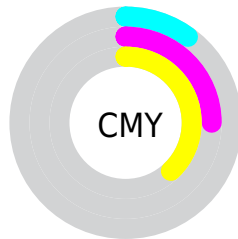
- Red (90%)
- Green (75%)
- Blue (62%)



- Red (90%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2485, 56.7916, 39.8428 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 57.2485, 56.7916, 39.8428 by changing the saturation by 10% instead.


 57.2485, 56.7916,
39.8428


 57.2485, 56.7916,
39.8428


404.3790,
412.6679, 360.9929

 41.4457, 40.8379,
27.1031


 99.9570, 100.1610,
76.1585

 28.8567, 28.1925,
17.4176


 127.5933,
128.3456, 100.5717

 19.1162, 18.4708,
10.3676


159.9049,
161.3760, 129.7131

 11.8588, 11.2885,
5.5346

197.2571,
199.6365, 164.0013

 6.7191, 6.2613,
2.5000

240.0153,
243.5115, 203.8549

 3.3318, 3.0046,
0.8402

288.5447,

 1.3316, 1.1341,

293.3855, 249.6923

0.0000

343.2108,
349.6429, 301.9321

■ 0.2067, 0.0069,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2485, 56.7916,
39.8428

■ 57.2485, 56.7916,
39.8428

■ 52.9929, 51.1213,
29.6658

■ 62.0801, 63.0269,
52.0209

■ 49.2836, 45.9904,
21.3767

■ 67.5068, 69.8361,
66.2977

■ 46.0944, 41.3823,
14.8563

■ 73.5523, 77.2379,
82.7688

■ 43.3952, 37.2768,
9.9702

■ 80.2374, 85.2477,
101.5225

■ 41.1514, 33.6514,
6.5643

■ 84.8098, 92.7713,
108.0444

■ 39.3228, 30.4810,
4.4543

■ 86.1231, 95.3980,
108.4822

■ 38.0342, 28.1002,
3.4193

Harmonies

Analogous

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



61.4931, 56.7916, 46.0956



57.2485, 56.7916, 39.8428



52.3576, 56.7916, 38.9517

Triad

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



57.2485, 56.7916, 39.8428



45.2486, 56.7916, 66.6460



60.2493, 56.7916, 84.7997

Complementary

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



57.2485, 56.7916, 39.8428



47.3386, 51.4071, 81.5563

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.



55.6330, 56.7916, 92.2843



57.2485, 56.7916, 39.8428



47.1029, 56.7916, 80.8057

Square

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



57.2485, 56.7916, 39.8428



45.6232, 56.7916, 53.1019



50.8359, 56.7916, 90.7215



63.2968, 56.7916, 71.4798

Rectangle

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



57.2485, 56.7916, 39.8428



49.4120, 56.7916, 41.3519



50.8359, 56.7916, 90.7215



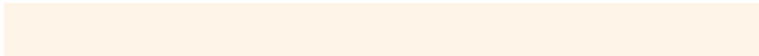
58.8185, 56.7916, 88.1663

Sweetspot

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



57.2500, 56.7942, 39.8440



87.9254, 91.3147, 89.3725



54.1305, 44.6766, 56.9277



18.5864, 19.2572, 18.5008



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.



57.2500, 56.7942, 39.8440



69.3020, 67.4957, 41.7683



66.0875, 74.4693, 42.7898



14.9525, 15.5189, 15.1118



21.8657, 16.3056, 1.9948



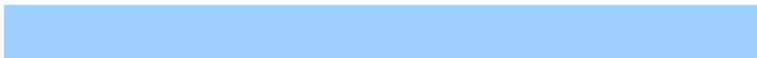
1.7085, 1.3903, 0.1783

Inverse Universe

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



47.3386, 51.4071, 81.5563



54.6991, 59.5569, 103.2204



40.3091, 37.3479, 79.2131



14.1922, 15.1057, 18.3120



11.8888, 10.8398, 43.8489



0.9715, 0.9869, 3.2713

Previews

White Background



This preview shows how the XYZ color 57.2485, 56.7916, 39.8428 looks on a white background.

Color Contrast Check

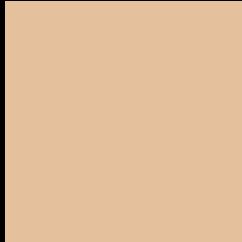
Large Text (above 18pt) WCAG AA × Fail

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 57.2485, 56.7916, 39.8428 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 57.2485, 56.7916, 39.8428

Background



This preview shows how black text looks on a background with the XYZ color 57.2485, 56.7916, 39.8428.



This preview shows how white text looks on a background with the XYZ color 57.2485, 56.7916,

39.8428.

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

57.2485, 56.7916, 39.8428

Protanopia

53.4032, 56.7751, 41.4017

Deuteranopia

57.9953, 56.8517, 39.8151



Tritanopia

61.9159, 56.7804, 62.3400

Trichromacy



Original Color

57.2485, 56.7916, 39.8428

Protanomaly

54.9114, 56.8885, 40.8873

Deuteranomaly

57.6716, 56.6848, 39.7999

Tritanomaly

59.9137, 56.5829, 53.1112

Monochromacy



Original Color

57.2485, 56.7916, 39.8428

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9700, 56.6422, 53.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2485, 56.7916, 39.8428 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(229, 192, 157)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 157)  
}
```

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(229, 192, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 157) }
```

Border

The CSS property to change the border of an element to XYZ 57.2485, 56.7916, 39.8428 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(229, 192, 157) }
```


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

```
.border{ border-color:rgb(229, 192, 157) }
```

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

Here you see how a box with a 4 pixel rgb(229, 192, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 157);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2485, 56.7916, 39.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 157) }
```

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

```
.background{ background-color: rgb(229,  
192, 157) }
```

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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