

Converting Colors

XYZ(59.4136, 57.8836, 45.7728)

Have a look what the booklet for
XYZ(59.4136, 57.8836, 45.7728)
contains.

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Color

**XYZ(59.2898, 57.7197,
45.5522)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C0A9
RGB	232, 192, 169
RGB Percent	91%, 75%, 66%
CMY	0.0902, 0.2470, 0.3372
CMYK	0.00, 0.17, 0.27, 0.09
HSL	22°, 58%, 79%
HSV	22°, 27%, 91%
XYZ	59.2898, 57.7197, 45.5522
YIQ	201.3380, 31.2230, 1.3270

Conversions

Conversions Part 2

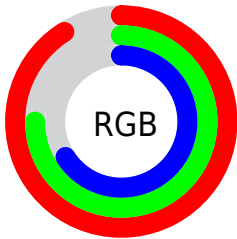
Format	Color
RYB	232, 205, 169
Decimal	15253673
CIELab	80.58, 10.91, 16.94
CIELCh	81, 20.151, 57.206
Yxy	57.7197, 0.3647, 0.3551
Android (android.graphics.Color)	4293443753 (0xFFE8C0A9)
YUV	201.3380, -15.9426, 26.8906
Hunter-Lab	75.9735, 6.3480, 17.6323

Details

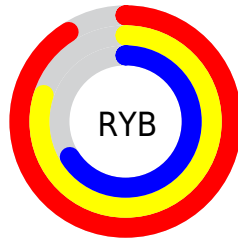
The XYZ color **59.2898, 57.7197, 45.5522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.7275, 59.8603, 85.0666**, and the grayscale version is **55.8107, 58.7172, 63.9430**.

A 20% lighter version of the original color is **88.2619, 93.7766, 83.9698**, and **30.1227, 28.8636, 20.8132** is the 20% darker color. If you saturate the color by 10%, you get **54.2287, 50.7790, 34.0564**, and if you desaturate by 10%, it is **65.0641, 65.4676, 59.1936**.

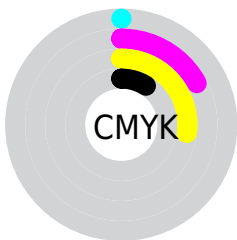
Distribution



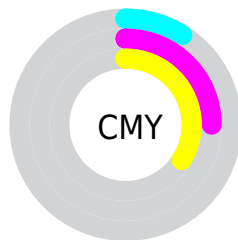
- Red (91%)
- Green (75%)
- Blue (66%)



- Red (91%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2898, 57.7197, 45.5522 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 59.2898, 57.7197, 45.5522 by changing the saturation by 10% instead.


 59.2898, 57.7197,
45.5522

 59.2898, 57.7197,
45.5522


411.8518,
416.1407, 385.2306

 43.0937, 41.5833,
31.5465


 102.9110,
101.5146, 84.8756

 30.1535, 28.7752,
20.7534


131.0668,
129.9419, 111.0304

 20.1038, 18.9108,
12.7544


163.9398,
163.2349, 142.0720

 12.5792, 11.6059,
7.1309

201.8955,
201.7782, 178.4189

 7.2144, 6.4759,
3.4644

245.2992,
245.9560, 220.4897

 3.6441, 3.1366,
1.3364

294.5163,

 1.5028, 1.2034,

296.1527, 268.7029

0.0913

349.9120,
352.7528, 323.4770

■ 0.3277, 0.0645,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2898, 57.7197,
45.5522

■ 59.2898, 57.7197,
45.5522

■ 54.2287, 50.7790,
34.0564

■ 65.0641, 65.4676,
59.1936

■ 49.8463, 44.6105,
24.5918

■ 71.5750, 74.0404,
75.0797

■ 46.1120, 39.1880,
17.0389

■ 78.8505, 83.4653,
93.3076

■ 42.9905, 34.4808,
11.2639

■ 85.8008, 93.3199,
108.0981

■ 40.4428, 30.4557,
7.1153

■ 87.0888, 95.8959,
108.5274

■ 38.4243, 27.0760,
4.4160

■ 36.8796, 24.2996,
2.9361

■ 36.5050, 23.6083,
2.6328

Harmonies

Analogous

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



62.2555, 57.7197, 52.9821



59.2898, 57.7197, 45.5522



55.2500, 57.7197, 42.7016

Triad

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



59.2898, 57.7197, 45.5522



47.2822, 57.7197, 61.7415



58.5844, 57.7197, 85.4008

Complementary

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



59.2898, 57.7197, 45.5522



53.7275, 59.8603, 85.0666

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.



54.4735, 57.7197, 88.5012



59.2898, 57.7197, 45.5522



48.0762, 57.7197, 73.8661

Square

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



59.2898, 57.7197, 45.5522



48.4327, 57.7197, 51.2818



50.6581, 57.7197, 84.0439



61.8340, 57.7197, 76.0320

Rectangle

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



59.2898, 57.7197, 45.5522



52.5378, 57.7197, 43.4745



50.6581, 57.7197, 84.0439



57.2514, 57.7197, 87.2582

Sweetspot

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



59.2913, 57.7224, 45.5534



87.9444, 90.7686, 91.1795



59.0938, 50.1830, 67.5123



18.5524, 19.0730, 18.8480



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.



59.2913, 57.7224, 45.5534



69.5980, 66.2378, 47.5701



66.7081, 72.5560, 48.0257



14.8057, 15.2254, 15.0629



20.3757, 13.3256, 1.4982



1.5918, 1.1569, 0.1394

Inverse Universe

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



53.7275, 59.8603, 85.0666



61.5408, 69.3188, 104.7441



46.9384, 46.2821, 82.8036



14.3418, 15.4050, 18.3619



14.0270, 15.1162, 44.5616



1.1243, 1.2925, 3.3222

Previews

White Background



This preview shows how the XYZ color 59.2898, 57.7197, 45.5522 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 59.2898, 57.7197, 45.5522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

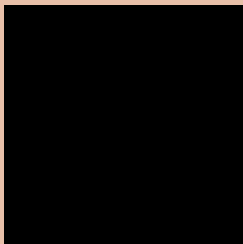
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2898, 57.7197, 45.5522

Background



This preview shows how black text looks on a background with the XYZ color 59.2898, 57.7197, 45.5522.



This preview shows how white text looks on a background with the XYZ color 59.2898, 57.7197,

45.5522.

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

59.2898, 57.7197, 45.5522

Protanopia

54.7754, 58.0273, 47.8486

Deuteranopia

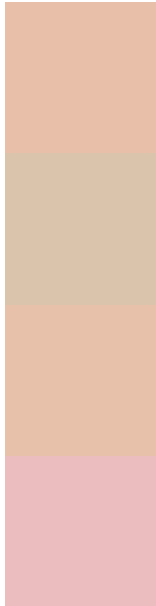
59.1864, 57.9934, 45.6105



Tritanopia

63.0231, 57.6378, 63.6806

Trichromacy



Original Color

59.2898, 57.7197, 45.5522

Protanomaly

56.3261, 57.8165, 47.2207

Deuteranomaly

59.1864, 57.9934, 45.6105

Tritanomaly

61.7528, 57.7751, 56.6122

Monochromacy



Original Color

59.2898, 57.7197, 45.5522

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5308, 58.0593, 56.3712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2898, 57.7197, 45.5522 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, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 169)  
}
```

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, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 169) }
```

Border

The CSS property to change the border of an element to XYZ 59.2898, 57.7197, 45.5522 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, 192, 169) }
```


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

```
.border{ border-color:rgb(232, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2898, 57.7197, 45.5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 169) }
```

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

```
.background{ background-color: rgb(232,  
192, 169) }
```

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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