

Converting Colors

XYZ(58.2770, 58.8031, 35.5518)

Have a look what the booklet for
XYZ(58.2770, 58.8031, 35.5518)
contains.

XYZ(58.2069, 58.7110, 35.4586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.2069, 58.7110,
35.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C492
RGB	232, 196, 146
RGB Percent	91%, 77%, 57%
CMY	0.0902, 0.2313, 0.4274
CMYK	0.00, 0.16, 0.37, 0.09
HSL	35°, 65%, 74%
HSV	35°, 37%, 91%
XYZ	58.2069, 58.7110, 35.4586
YIQ	201.0640, 37.5060, -7.9180

Conversions

Conversions Part 2

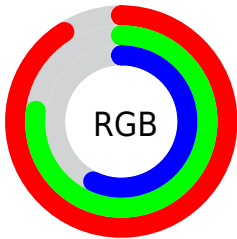
Format	Color
R_{YB}	208, 232, 146
Decimal	15254674
CIE _{Lab}	81.13, 5.93, 29.87
CIE _{LCh}	81, 30.453, 78.776
Yxy	58.7110, 0.3820, 0.3853
Android (android.graphics.Color)	4293444754 (0xFFE8C492)
YUV	201.0640, -27.1466, 27.1309
Hunter-Lab	76.6231, 1.5075, 26.1988

Details

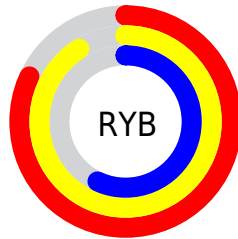
The XYZ color **58.2069, 58.7110, 35.4586** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1468, 45.3914, 82.8311**, and the grayscale version is **55.7050, 58.6060, 63.8220**.

A 20% lighter version of the original color is **86.7906, 95.6807, 68.5374**, and **29.4178, 29.2862, 14.9288** is the 20% darker color. If you saturate the color by 10%, you get **54.4627, 53.8235, 26.1924**, and if you desaturate by 10%, it is **62.4621, 64.0340, 46.7032**.

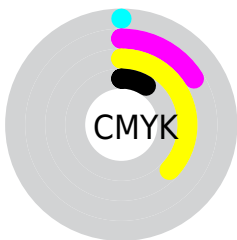
Distribution



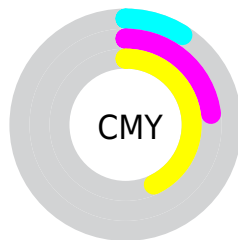
- Red (91%)
- Green (77%)
- Blue (57%)



- Red (82%)
- Yellow (91%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2069, 58.7110, 35.4586 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 58.2069, 58.7110, 35.4586 by changing the saturation by 10% instead.


 58.2069, 58.7110,
35.4586


 58.2069, 58.7110,
35.4586


407.8979,
419.8301, 341.5535

 42.2189, 42.3805,
23.7300


 101.3453,
102.9575, 69.3552

 29.4646, 29.3994,
14.9231


 129.2265,
131.6423, 92.3603

 19.5786, 19.3831,
8.6194


161.8027,
165.2141, 119.9613

 12.1956, 11.9475,
4.4004

199.4394,
204.0571, 152.5767

 6.9502, 6.7079,
1.8475

242.5019,
248.5558, 190.6251

 3.4770, 3.2801,
0.4590

291.3556,

 1.4107, 1.2797,

299.0946, 234.5250

0.0000

346.3658,
356.0579, 284.6949

■ 0.2639, 0.1254,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2069, 58.7110,
35.4586

■ 58.2069, 58.7110,
35.4586

■ 54.4627, 53.8235,
26.1924

■ 62.4621, 64.0340,
46.7032

■ 51.2001, 49.3491,
18.7826

■ 67.2468, 69.7977,
60.0308

■ 48.3931, 45.2751,
13.0993

■ 72.5840, 76.0173,
75.5433

■ 46.0109, 41.5846,
8.9942

■ 78.4938, 82.7049,
93.3344

■ 44.0177, 38.2588,
6.2931

■ 83.8471, 89.4127,
107.4469

■ 42.3679, 35.2746,
4.7710

■ 86.8552, 95.4289,
108.4496

■ 41.9284, 34.4554,
4.4407

■ 87.0886, 95.8958,
108.5274

Harmonies

Analogous

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



64.2183, 58.7110, 41.1208



58.2069, 58.7110, 35.4586



51.9748, 58.7110, 36.2672

Triad

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



58.2069, 58.7110, 35.4586



45.0501, 58.7110, 75.8206



65.4717, 58.7110, 89.7718

Complementary

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



58.2069, 58.7110, 35.4586



43.1468, 45.3914, 82.8311

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.



59.8148, 58.7110, 102.9541



58.2069, 58.7110, 35.4586



48.1571, 58.7110, 93.9065

Square

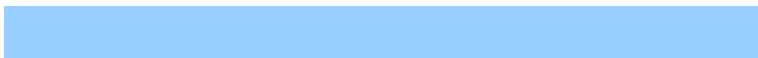
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.2069, 58.7110, 35.4586



44.6912, 58.7110, 57.3758



53.4663, 58.7110, 104.5961



68.6192, 58.7110, 70.9573

Rectangle

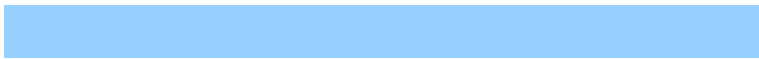
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2069, 58.7110, 35.4586



48.5192, 58.7110, 40.4112



53.4663, 58.7110, 104.5961



63.7816, 58.7110, 95.1496

Sweetspot

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



58.2084, 58.7137, 35.4598



87.2267, 91.0602, 85.6159



52.1329, 41.1441, 50.1398



18.4765, 19.2652, 17.7620



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.



58.2084, 58.7137, 35.4598



68.7483, 68.3682, 35.4802



65.4927, 76.0004, 38.4125



15.0696, 15.7532, 15.1509



23.4043, 19.3827, 2.5077



1.8208, 1.6150, 0.2158

Inverse Universe

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



43.1468, 45.3914, 82.8311



47.7047, 49.7650, 101.6990



37.7439, 33.0343, 80.7307



14.0760, 14.8734, 18.2733



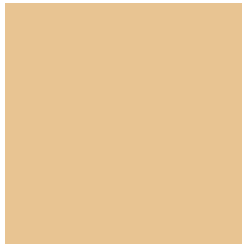
10.5826, 8.2273, 43.4134



0.8721, 0.7881, 3.2381

Previews

White Background



This preview shows how the XYZ color 58.2069, 58.7110, 35.4586 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 58.2069, 58.7110, 35.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

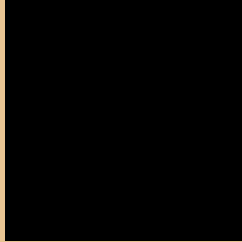
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2069, 58.7110, 35.4586

Background



This preview shows how black text looks on a background with the XYZ color 58.2069, 58.7110, 35.4586.



This preview shows how white text looks on a background with the XYZ color 58.2069, 58.7110,

35.4586.

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

58.2069, 58.7110, 35.4586

Protanopia

54.8472, 58.6631, 36.4493

Deuteranopia

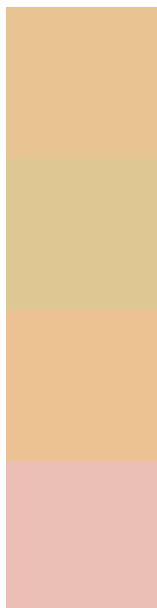
59.9330, 58.5972, 35.7553



Tritanopia

64.0226, 58.4554, 64.4086

Trichromacy



Original Color

58.2069, 58.7110, 35.4586

Protanomaly

55.8141, 58.4830, 35.9504

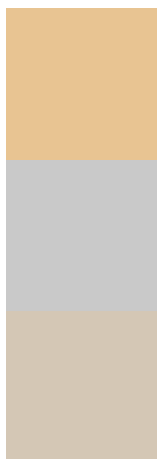
Deuteranomaly

59.1503, 58.5230, 35.7823

Tritanomaly

61.6664, 58.4719, 52.2920

Monochromacy



Original Color

58.2069, 58.7110, 35.4586

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9153, 58.1801, 51.9989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2069, 58.7110, 35.4586 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 146) }
```

Border

The CSS property to change the border of an element to XYZ 58.2069, 58.7110, 35.4586 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, 146) }
```


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

```
.border{ border-color:rgb(232, 196, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2069, 58.7110, 35.4586 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, 146) }
```

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

```
.background{ background-color: rgb(232,  
196, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor