

Converting Colors

XYZ(58.5412, 59.4488, 30.5806)

Have a look what the booklet for
XYZ(58.5412, 59.4488, 30.5806)
contains.

XYZ(58.4608, 59.2881, 30.5528)	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(58.4608, 59.2881,
30.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC585
RGB	235, 197, 133
RGB Percent	92%, 77%, 52%
CMY	0.0784, 0.2274, 0.4784
CMYK	0.00, 0.16, 0.43, 0.08
HSL	38°, 72%, 72%
HSV	38°, 43%, 92%
XYZ	58.4608, 59.2881, 30.5528
YIQ	201.0660, 43.1920, -11.8480

Conversions

Conversions Part 2

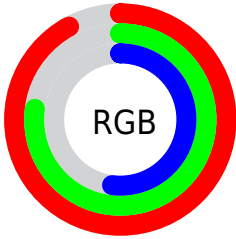
Format	Color
RYB	194, 235, 133
Decimal	15451525
CIELab	81.45, 5.18, 37.08
CIELCh	81, 37.440, 82.052
Yxy	59.2881, 0.3942, 0.3998
Android (android.graphics.Color)	4293641605 (0xFFEBC585)
YUV	201.0660, -33.5565, 29.7601
Hunter-Lab	76.9988, 0.7771, 30.3731

Details

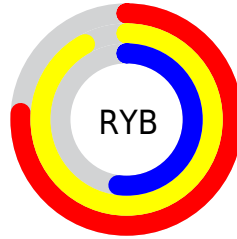
The XYZ color **58.4608, 59.2881, 30.5528** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.2306, 40.1090, 84.2712**, and the grayscale version is **55.7423, 58.6452, 63.8647**.

A 20% lighter version of the original color is **85.6515, 95.7315, 60.9774**, and **29.4769, 29.6012, 12.1427** is the 20% darker color. If you saturate the color by 10%, you get **55.0855, 54.8515, 22.2942**, and if you desaturate by 10%, it is **62.3177, 64.1065, 40.7651**.

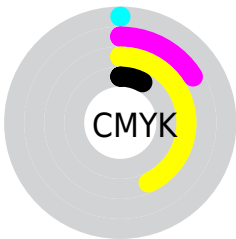
Distribution



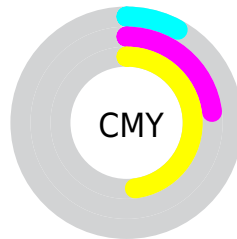
- Red (92%)
- Green (77%)
- Blue (52%)



- Red (76%)
- Yellow (92%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4608, 59.2881, 30.5528 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 58.4608, 59.2881, 30.5528 by changing the saturation by 10% instead.

■ 58.4608, 59.2881,
30.5528

■ 58.4608, 59.2881,
30.5528

408.8270,
421.9687, 318.7599

■ 42.4239, 42.8451,
20.0030

■ 101.7127,
103.7963, 61.6066

■ 29.6259, 29.7636,
12.2131

■ 129.6584,
132.6302, 82.9477

■ 19.7015, 19.6592,
6.7647

■ 162.3045,
166.3633, 108.7228

■ 12.2852, 12.1476,
3.2392

200.0162,
205.3798, 139.3507

■ 7.0118, 6.8443,
1.2180

243.1590,
250.0642, 175.2498

■ 3.5159, 3.3649,
0.0000

292.0981,

■ 1.4321, 1.3251,

300.8009, 216.8387

0.0000

347.1990,
357.9743, 264.5359

■ 0.2789, 0.1605,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4608, 59.2881,
30.5528

■ 58.4608, 59.2881,
30.5528

■ 55.0855, 54.8515,
22.2942

■ 62.3177, 64.1065,
40.7651

■ 52.1609, 50.7746,
15.8558


■ 66.6760, 69.3109,
53.0452


■ 49.6590, 47.0451,
11.0933


■ 71.5593, 74.9160,
67.5026


■ 47.5460, 43.6463,
7.8383


■ 76.9886, 80.9331,
84.2383

 45.7809, 40.5585,
5.8866

 82.9835, 87.3728,
103.3465

 44.7668, 38.6740,
5.1054

 86.3499, 92.9602,
107.9997

 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



66.1349, 59.2881, 36.1534



58.4608, 59.2881, 30.5528



50.8812, 59.2881, 32.2490

Triad

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



58.4608, 59.2881, 30.5528



43.5075, 59.2881, 82.1509



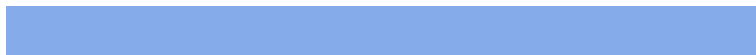
69.0890, 59.2881, 94.8950

Complementary

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



58.4608, 59.2881, 30.5528



39.2306, 40.1090, 84.2712

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.



62.2006, 59.2881, 113.3821



58.4608, 59.2881, 30.5528



47.5840, 59.2881, 104.9159

Square

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



58.4608, 59.2881, 30.5528



42.7065, 59.2881, 58.7697



54.2937, 59.2881, 117.4217



72.6315, 59.2881, 70.7073

Rectangle

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



58.4608, 59.2881, 30.5528



46.8491, 59.2881, 37.5203



54.2937, 59.2881, 117.4217



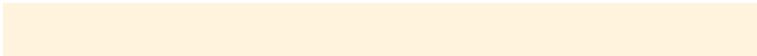
67.0592, 59.2881, 102.1931

Sweetspot

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



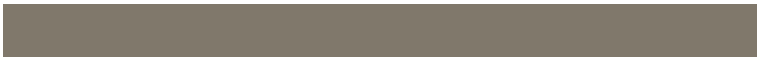
58.4623, 59.2909, 30.5540



86.3512, 90.4188, 81.9033



50.1048, 37.4202, 43.6627



18.1907, 19.0233, 16.6506



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.



58.4623, 59.2909, 30.5540



66.7545, 66.6288, 27.8849



64.4043, 76.8139, 33.6231



15.8531, 16.6292, 15.8929



25.0412, 21.7766, 2.8835



2.0580, 1.8934, 0.2570

Inverse Universe

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



39.2306, 40.1090, 84.2712



40.8459, 40.8131, 100.3326



35.0429, 28.7845, 82.3061



14.6908, 15.4681, 19.1336



10.3790, 7.4051, 44.6253



0.9046, 0.7606, 3.5340

Previews

White Background



This preview shows how the XYZ color 58.4608, 59.2881, 30.5528 looks on a white background.

Color Contrast Check

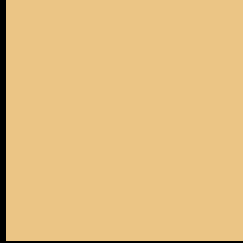
Large Text (above 18pt) WCAG AA × Fail

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 58.4608, 59.2881, 30.5528 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 58.4608, 59.2881, 30.5528

Background



This preview shows how black text looks on a background with the XYZ color 58.4608, 59.2881, 30.5528.



This preview shows how white text looks on a background with the XYZ color 58.4608, 59.2881,

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

58.4608, 59.2881, 30.5528

Protanopia

55.0089, 59.2060, 31.4503

Deuteranopia

60.5570, 59.3595, 30.8201



Tritanopia

65.3807, 59.1555, 64.4721

Trichromacy



Original Color

58.4608, 59.2881, 30.5528

Protanomaly

56.0087, 59.0373, 30.9976

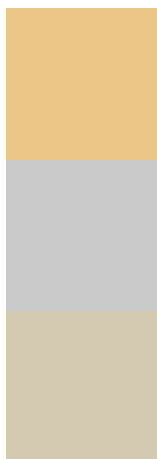
Deuteranomaly

59.7534, 59.2767, 30.8465

Tritanomaly

62.2633, 58.8267, 50.1925

Monochromacy



Original Color

58.4608, 59.2881, 30.5528

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9313, 58.5893, 49.4353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4608, 59.2881, 30.5528 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(235, 197, 133)` looks like.

```
.text, #text, p{  
    color:rgb(235, 197, 133)  
}
```

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(235, 197, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 197, 133) }
```

Border

The CSS property to change the border of an element to XYZ 58.4608, 59.2881, 30.5528 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(235, 197, 133) }
```


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

```
.border{ border-color:rgb(235, 197, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 197, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 197, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 197, 133);  
box-shadow:4px 4px 4px 4px rgb(235, 197,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4608, 59.2881, 30.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 197, 133) }
```

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

```
.background{ background-color: rgb(235,  
197, 133) }
```

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