

Converting Colors

XYZ(60.1842, 68.9594, 30.5605)

Have a look what the booklet for
XYZ(60.1842, 68.9594, 30.5605)
contains.

XYZ(60.1842, 68.9594, 30.5605)	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(60.1842, 68.9594,
30.5605)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDD80
RGB	223, 221, 128
RGB Percent	87%, 87%, 50%
CMY	0.1255, 0.1333, 0.4980
CMYK	0.00, 0.01, 0.43, 0.13
HSL	59°, 60%, 69%
HSV	59°, 43%, 87%
XYZ	60.1842, 68.9594, 30.5605
YIQ	210.9960, 31.0450, -28.4990

Conversions

Conversions Part 2

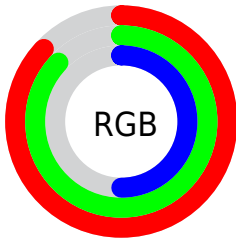
Format	Color
RYB	130, 223, 128
Decimal	14671232
CIELab	86.48, -12.38, 45.75
CIELCh	86, 47.396, 105.147
Yxy	68.9594, 0.3768, 0.4318
Android (android.graphics.Color)	4292861312 (0xFFDFDD80)
YUV	210.9960, -40.9170, 10.5275
Hunter-Lab	83.0418, -15.9560, 36.3097

Details

The XYZ color **60.1842, 68.9594, 30.5605** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.2040, 25.8815, 73.2158**, and the grayscale version is **62.1632, 65.4005, 71.2212**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **30.6666, 35.9012, 12.1508** is the 20% darker color. If you saturate the color by 10%, you get **58.7521, 68.1915, 23.6204**, and if you desaturate by 10%, it is **61.9426, 69.8633, 39.2023**.

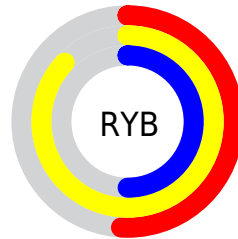
Distribution



Red (87%)

Green (87%)

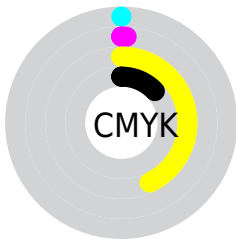
Blue (50%)



Red (51%)

Yellow (87%)

Blue (50%)

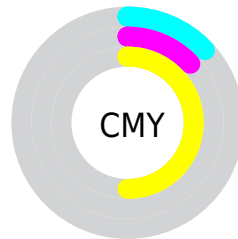


Cyan (0%)

Magenta (1%)

Yellow (43%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1842, 68.9594, 30.5605 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 60.1842, 68.9594, 30.5605 by changing the saturation by 10% instead.

60.1842, 68.9594,
30.5605

60.1842, 68.9594,
30.5605

415.1003,
456.8878, 318.7967

43.8172, 50.6786,
20.0088

104.2017,
117.7236, 61.6189

30.7241, 35.9529,
12.2173

132.5828,
148.9758, 82.9626

20.5396, 24.3978,
6.7675

165.6993,
185.3206, 108.7408

12.8984, 15.6290,
3.2409

203.9165,
227.1425, 139.3719

7.4352, 9.2620,
1.2189

247.5999,
274.8257, 175.2745

3.7844, 4.9125,
0.0000

297.1148,

1.5809, 2.1960,

328.7547, 216.8671

0.0000

352.8264,
389.3140, 264.5683

0.3799, 0.7178,
0.0000

0.0000, 0.0000,
0.0000

60.1842, 68.9594,
30.5605

60.1842, 68.9594,
30.5605

58.7521, 68.1915,
23.6204

61.9426, 69.8633,
39.2023

57.6198, 67.5417,
18.2653


64.0417, 70.9015,
49.6438


56.7652, 67.0035,
14.3705


66.5011, 72.0844,
61.9807


56.1607, 66.5658,
11.7909


69.3374, 73.4186,
76.3006


 55.7730, 66.2155,
10.3514


 72.5661, 74.9104,
92.6857

 55.5856, 65.9963,
9.8089

 75.0873, 76.1197,
105.3428

 75.2131, 76.3714,
105.3847

 75.3393, 76.6238,
105.4268

 75.4659, 76.8769,
105.4690

Harmonies

Analogous

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



71.1019, 68.9594, 30.5163



60.1842, 68.9594, 30.5605



51.6963, 68.9594, 40.0245

Triad

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



60.1842, 68.9594, 30.5605



51.7619, 68.9594, 126.5801



88.1241, 68.9594, 91.6623

Complementary

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



60.1842, 68.9594, 30.5605



30.2040, 25.8815, 73.2158

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.



81.6666, 68.9594, 126.2691



60.1842, 68.9594, 30.5605



60.2833, 68.9594, 149.9376

Square

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



60.1842, 68.9594, 30.5605



47.2158, 68.9594, 92.0056



71.2126, 68.9594, 149.8101



88.0899, 68.9594, 60.3777

Rectangle

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



60.1842, 68.9594, 30.5605



48.2037, 68.9594, 52.4463



71.2126, 68.9594, 149.8101



86.6115, 68.9594, 103.4494

Sweetspot

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



60.1859, 68.9626, 30.5619



89.9431, 97.6027, 83.1006



42.2592, 32.7703, 25.6309



19.0848, 20.8114, 16.9487



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.



60.1859, 68.9626, 30.5619



79.8337, 92.5299, 33.0377



48.7979, 63.8781, 30.1808



14.8458, 15.9776, 14.6083



32.6946, 38.8270, 5.7712



2.2742, 2.7072, 0.4027

Inverse Universe

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



30.2040, 25.8815, 73.2158



34.1776, 26.9312, 98.0046



38.1256, 29.5753, 73.5112



12.9750, 13.2891, 17.2689



7.8716, 3.2128, 41.2536



0.5539, 0.2392, 2.8622

Previews

White Background



This preview shows how the XYZ color 60.1842, 68.9594, 30.5605 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 60.1842, 68.9594, 30.5605 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

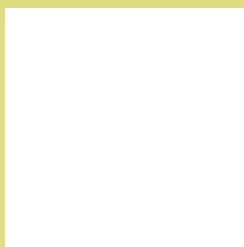
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1842, 68.9594, 30.5605

Background



This preview shows how black text looks on a background with the XYZ color 60.1842, 68.9594, 30.5605.



This preview shows how white text looks on a background with the XYZ color 60.1842, 68.9594,

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

60.1842, 68.9594, 30.5605

Protanopia

63.2468, 68.6226, 29.6507

Deuteranopia

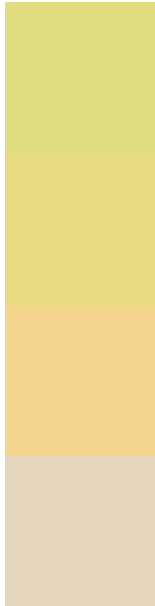
69.3009, 68.5738, 38.4377



Tritanopia

70.7057, 69.0766, 81.5580

Trichromacy



Original Color

60.1842, 68.9594, 30.5605

Protanomaly

62.1809, 68.8309, 30.0871

Deuteranomaly

65.6389, 68.5962, 35.3720

Tritanomaly

65.9740, 68.6338, 58.4857

Monochromacy



Original Color

60.1842, 68.9594, 30.5605

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.6653, 66.3841, 53.3321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1842, 68.9594, 30.5605 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(223, 221, 128)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 128)  
}
```

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(223, 221, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 128) }
```

Border

The CSS property to change the border of an element to XYZ 60.1842, 68.9594, 30.5605 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(223, 221, 128) }
```


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

```
.border{ border-color:rgb(223, 221, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 128);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1842, 68.9594, 30.5605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 128) }
```

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

```
.background{ background-color: rgb(223,  
221, 128) }
```

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