

Converting Colors

XYZ(60.2902, 63.0466, 13.8241)

Have a look what the booklet for
XYZ(60.2902, 63.0466, 13.8241)
contains.

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Color

**XYZ(60.1745, 62.9684,
13.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CC40
RGB	245, 204, 64
RGB Percent	96%, 80%, 25%
CMY	0.0392, 0.2000, 0.7490
CMYK	0.00, 0.17, 0.74, 0.04
HSL	46°, 90%, 61%
HSV	46°, 74%, 96%
XYZ	60.1745, 62.9684, 13.8331
YIQ	200.2990, 69.3760, -34.8480

Conversions

Conversions Part 2

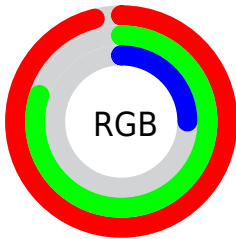
Format	Color
RYB	117, 245, 64
Decimal	16108608
CIELab	83.43, 0.77, 70.88
CIElCh	83, 70.885, 89.374
Yxy	62.9684, 0.4393, 0.4597
Android (android.graphics.Color)	4294298688 (0xFFFF5CC40)
YUV	200.2990, -67.1954, 39.2028
Hunter-Lab	79.3526, -3.5074, 45.2111

Details

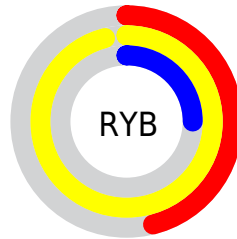
The XYZ color **60.1745, 62.9684, 13.8331** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **23.6474, 17.7854, 88.5722**, and the grayscale version is **55.4573, 58.3454, 63.5382**.

A 20% lighter version of the original color is **80.4512, 94.1605, 32.0237**, and **30.9139, 32.1270, 4.5718** is the 20% darker color. If you saturate the color by 10%, you get **58.3295, 60.1599, 10.5014**, and if you desaturate by 10%, it is **62.3754, 65.9993, 18.7942**.

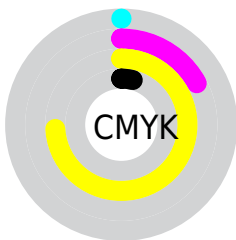
Distribution



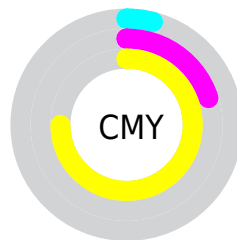
- Red (96%)
- Green (80%)
- Blue (25%)



- Red (46%)
- Yellow (96%)
- Blue (25%)



- Cyan (0%)
- Magenta (17%)
- Yellow (74%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1745, 62.9684, 13.8331 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 60.1745, 62.9684, 13.8331 by changing the saturation by 10% instead.


 60.1745, 62.9684,
13.8331


 60.1745, 62.9684,
13.8331


415.0651,
435.4548, 227.5823


 43.8093, 45.8156,
7.8673


 104.1877,
109.1239, 33.5054

 30.7179, 32.1004,
3.9236


 132.5663,
138.8955, 48.0490


 20.5349, 21.4382,
1.5835


 165.6802,
173.6421, 66.2889

 12.8950, 13.4447,
0.2790

 203.8947,
213.7481, 88.6437

 7.4328, 7.7355,
0.0000

 247.5750,
259.5981, 115.5319

 3.7829, 3.9261,
0.0000

297.0866,

 1.5801, 1.6323,

311.5762, 147.3720

0.0000

352.7949,
370.0670, 184.5826

■ 0.3794, 0.3793,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1745, 62.9684,
13.8331

■ 60.1745, 62.9684,
13.8331

■ 58.3295, 60.1599,
10.5014

■ 62.3754, 65.9993,
18.7942


■ 56.7920, 57.5465,
8.5665

■ 64.9639, 69.2588,
25.5686


■ 55.9635, 56.0275,
7.8648

■ 67.9726, 72.7630,
34.3194


■ 71.4293, 76.5239,
45.1905

 75.3592, 80.5522,
58.3125

 79.7855, 84.8580,
73.8052

 84.7298, 89.4505,
91.7800

 89.3958, 94.0120,
108.0422

 91.1308, 97.4821,
108.6206

Harmonies

Analogous

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



76.2892, 62.9684, 18.3266



60.1745, 62.9684, 13.8331



46.4322, 62.9684, 17.9439

Triad

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



60.1745, 62.9684, 13.8331



37.5207, 62.9684, 119.3156



89.2151, 62.9684, 121.6585

Complementary

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



60.1745, 62.9684, 13.8331



23.6474, 17.7854, 88.5722

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.



75.6307, 62.9684, 172.5964



60.1745, 62.9684, 13.8331



45.9595, 62.9684, 170.8831

Square

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



60.1745, 62.9684, 13.8331



34.7941, 62.9684, 67.6372



59.5258, 62.9684, 193.6228



94.7283, 62.9684, 69.4950

Rectangle

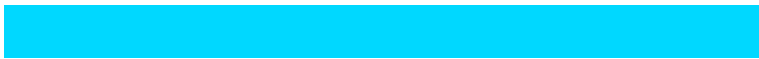
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1745, 62.9684, 13.8331



40.0206, 62.9684, 26.7548



59.5258, 62.9684, 193.6228



85.3378, 62.9684, 140.1899

Sweetspot

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



60.1759, 62.9714, 13.8343



83.3769, 89.0584, 66.7675



42.1035, 24.1253, 16.1379



17.5787, 18.7960, 13.3737



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.



60.1759, 62.9714, 13.8343



62.9479, 64.3394, 10.2028



56.5342, 77.5091, 16.8323



17.5778, 18.6397, 17.4689



30.2578, 30.4013, 4.2733



2.7354, 2.8240, 0.4009

Inverse Universe

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



23.6474, 17.7854, 88.5722



21.3589, 13.1248, 96.0154



25.0315, 13.7224, 87.7150



15.8856, 16.5355, 20.8970



9.7126, 5.2189, 47.0335



0.9279, 0.6073, 4.1585

Previews

White Background



This preview shows how the XYZ color 60.1745, 62.9684, 13.8331 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 60.1745, 62.9684, 13.8331 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 60.1745, 62.9684, 13.8331

Background



This preview shows how black text looks on a background with the XYZ color 60.1745, 62.9684, 13.8331.



This preview shows how white text looks on a background with the XYZ color 60.1745, 62.9684,

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

60.1745, 62.9684, 13.8331

Protanopia

57.1143, 62.8170, 14.1157

Deuteranopia

63.8211, 62.9699, 20.0999



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

60.1745, 62.9684, 13.8331

Protanomaly

58.1920, 63.0118, 14.0965

Deuteranomaly

62.3100, 62.9384, 17.4586

Tritanomaly

65.3563, 62.3222, 39.1566

Monochromacy



Original Color

60.1745, 62.9684, 13.8331

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7915, 58.6066, 37.7025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1745, 62.9684, 13.8331 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(245, 204, 64)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 64)  
}
```

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(245, 204, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 64) }
```

Border

The CSS property to change the border of an element to XYZ 60.1745, 62.9684, 13.8331 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(245, 204, 64) }
```


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

```
.border{ border-color:rgb(245, 204, 64) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 64);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1745, 62.9684, 13.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 64) }
```

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

```
.background{ background-color: rgb(245,  
204, 64) }
```

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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