

Converting Colors

XYZ(60.6768, 59.1518, 13.2204)

Have a look what the booklet for
XYZ(60.6768, 59.1518, 13.2204)
contains.

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Color

**XYZ(60.6768, 59.1518,
13.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC041
RGB	254, 192, 65
RGB Percent	100%, 75%, 25%
CMY	0.0039, 0.2470, 0.7451
CMYK	0.00, 0.24, 0.74, 0.00
HSL	40°, 99%, 63%
HSV	40°, 74%, 100%
XYZ	60.6768, 59.1518, 13.2204
YIQ	196.0600, 77.7190, -26.3530

Conversions

Conversions Part 2

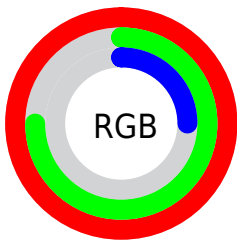
Format	Color
RYB	157, 254, 65
Decimal	16695361
CIELab	81.37, 10.81, 68.85
CIElCh	81, 69.695, 81.081
Yxy	59.1518, 0.4560, 0.4446
Android (android.graphics.Color)	4294885441 (0xFFFE041)
YUV	196.0600, -64.6126, 50.8134
Hunter-Lab	76.9102, 6.2312, 43.6456

Details

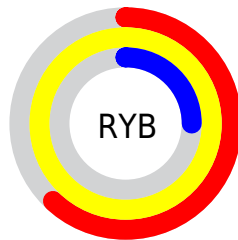
The XYZ color **60.6768, 59.1518, 13.2204** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **27.6583, 23.4573, 96.8351**, and the grayscale version is **52.8498, 55.6021, 60.5507**.

A 20% lighter version of the original color is **78.2586, 89.7753, 31.2929**, and **31.2249, 29.8027, 4.1068** is the 20% darker color. If you saturate the color by 10%, you get **58.3222, 55.3676, 9.5854**, and if you desaturate by 10%, it is **63.4682, 63.2812, 18.6326**.

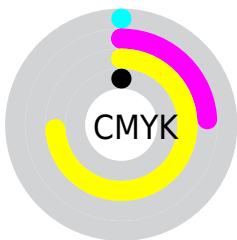
Distribution



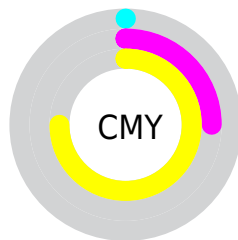
- Red (100%)
- Green (75%)
- Blue (25%)



- Red (62%)
- Yellow (100%)
- Blue (25%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6768, 59.1518, 13.2204 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 60.6768, 59.1518, 13.2204 by changing the saturation by 10% instead.


 60.6768, 59.1518,
13.2204


 60.6768, 59.1518,
13.2204


416.8828,
421.4642, 223.5826


 44.2159, 42.7353,
7.4480


 104.9116,
103.5983, 32.3962

 31.0389, 29.6775,
3.6611

 133.4162,
132.3970, 46.6366


 20.7805, 19.5939,
1.4414


 166.6662,
166.0920, 64.5367

 13.0752, 12.1002,
0.1737

 205.0268,
205.0677, 86.5152

 7.5577, 6.8120,
0.0000

 248.8634,
249.7083, 112.9904

 3.8627, 3.3448,
0.0000

298.5414,

 1.6247, 1.3143,

300.3983, 144.3811

0.0000

354.4261,
357.5222, 181.1056

■ 0.4084, 0.1522,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6768, 59.1518,
13.2204

■ 60.6768, 59.1518,
13.2204

■ 58.3222, 55.3676,
9.5854

■ 63.4682, 63.2812,
18.6326

■ 56.3504, 51.8971,
7.4699

■ 66.7332, 67.7661,
26.0262

■ 55.3762, 50.0777,
6.7473

■ 70.5088, 72.6261,
35.5809

■ 74.8264, 77.8765,
47.4552

■ 79.7148, 83.5311,
61.7929

■ 85.2004, 89.6029,
78.7256

■ 91.3079, 96.1043,
98.3759

■ 94.6827, 99.8107,
108.8828

Harmonies

Analogous

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



75.7158, 59.1518, 19.9859



60.6768, 59.1518, 13.2204



46.7378, 59.1518, 14.8108

Triad

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



60.6768, 59.1518, 13.2204



33.9291, 59.1518, 97.7797



80.9491, 59.1518, 129.0794

Complementary

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



60.6768, 59.1518, 13.2204



27.6583, 23.4573, 96.8351

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.



66.9096, 59.1518, 171.9809



60.6768, 59.1518, 13.2204



40.3990, 59.1518, 149.1395

Square

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



60.6768, 59.1518, 13.2204



32.8441, 59.1518, 52.7541



51.9908, 59.1518, 180.5866



88.6776, 59.1518, 77.6591

Rectangle

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



60.6768, 59.1518, 13.2204



39.7529, 59.1518, 20.8911



51.9908, 59.1518, 180.5866



76.7076, 59.1518, 145.7596

Sweetspot

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



60.6781, 59.1547, 13.2215



81.7053, 85.7151, 66.2103



46.6597, 26.4103, 23.0613



17.1810, 18.0007, 13.2411



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.



60.6781, 59.1547, 13.2215



57.8844, 54.2125, 8.5150



66.6733, 86.8734, 18.2558



19.0297, 20.0275, 19.0071



29.3357, 26.6827, 3.6041



2.9562, 2.7977, 0.3842

Inverse Universe

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



27.6583, 23.4573, 96.8351



23.3301, 17.0672, 96.6724



24.6567, 13.4509, 95.0619



17.4896, 18.3508, 22.8702



11.1942, 7.2980, 50.2532



1.1848, 0.9004, 4.9246

Previews

White Background



This preview shows how the XYZ color 60.6768, 59.1518, 13.2204 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 60.6768, 59.1518, 13.2204 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 60.6768, 59.1518, 13.2204

Background



This preview shows how black text looks on a background with the XYZ color 60.6768, 59.1518, 13.2204.



This preview shows how white text looks on a background with the XYZ color 60.6768, 59.1518,

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

60.6768, 59.1518, 13.2204

Protanopia

54.0779, 59.4601, 14.0956

Deuteranopia

60.3118, 58.9636, 13.2034



Tritanopia

68.0238, 59.0671, 59.4456

Trichromacy



Original Color

60.6768, 59.1518, 13.2204

Protanomaly

56.3616, 59.2566, 13.7773

Deuteranomaly

60.3118, 58.9636, 13.2034

Tritanomaly

64.1442, 58.5159, 35.9309

Monochromacy



Original Color

60.6768, 59.1518, 13.2204

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.4757, 55.9200, 35.9922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6768, 59.1518, 13.2204 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(254, 192, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 65)  
}
```

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(254, 192, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 65) }
```

Border

The CSS property to change the border of an element to XYZ 60.6768, 59.1518, 13.2204 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(254, 192, 65) }
```


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

```
.border{ border-color:rgb(254, 192, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6768, 59.1518, 13.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 65) }
```

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

```
.background{ background-color: rgb(254,  
192, 65) }
```

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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