

Converting Colors

XYZ(62.6511, 67.5362, 13.9409)

Have a look what the booklet for
XYZ(62.6511, 67.5362, 13.9409)
contains.

| | |
|--|----|
| XYZ(62.6159, 67.5076, 14.0050) | 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(62.6159, 67.5076,
14.0050)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6D53C |
| RGB | 246, 213, 60 |
| RGB Percent | 96%, 84%, 24% |
| CMY | 0.0353, 0.1647, 0.7647 |
| CMYK | 0.00, 0.13, 0.76, 0.04 |
| HSL | 49°, 91%, 60% |
| HSV | 49°, 76%, 96% |
| XYZ | 62.6159, 67.5076, 14.0050 |
| YIQ | 205.4250, 68.7810, -40.5870 |

Conversions

Conversions Part 2

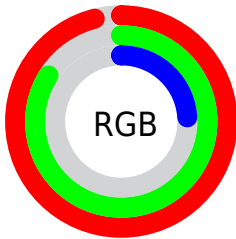
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 100, 246, 60 |
| Decimal | 16176444 |
| CIE Lab | 85.76, -3.56, 74.49 |
| CIE LCh | 86, 74.575, 92.733 |
| Yxy | 67.5076, 0.4344, 0.4684 |
| Android (android.graphics.Color) | 4294366524 (0xFFFF6D53C) |
| YUV | 205.4250, -71.6945, 35.5843 |
| Hunter-Lab | 82.1630, -7.7516, 47.4079 |

Details

The XYZ color **62.6159, 67.5076, 14.0050** 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 **22.4124, 15.4430, 88.9877**, and the grayscale version is **58.7130, 61.7707, 67.2683**.

A 20% lighter version of the original color is **80.2700, 94.0880, 31.0697**, and **32.4057, 35.1106, 5.0691** is the 20% darker color. If you saturate the color by 10%, you get **61.0282, 65.1424, 10.9791**, and if you desaturate by 10%, it is **64.5382, 70.0592, 18.6336**.

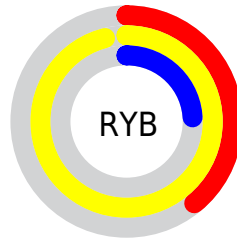
Distribution



Red (96%)

Green (84%)

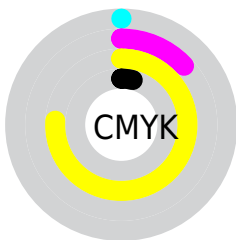
Blue (24%)



Red (39%)

Yellow (96%)

Blue (24%)

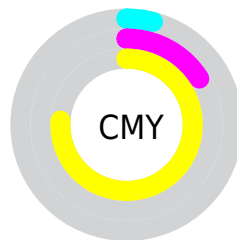


Cyan (0%)

Magenta (13%)

Yellow (76%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6159, 67.5076, 14.0050 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 62.6159, 67.5076, 14.0050 by changing the saturation by 10% instead.


 62.6159, 67.5076,
14.0050

 62.6159, 67.5076,
14.0050


423.8560,
451.7494, 228.6914

 45.7880, 49.4973,
7.9854


 107.7001,
115.6474, 33.8152

 32.2825, 35.0141,
3.9979


 136.6872,
146.5457, 48.4427


 21.7340, 23.6737,
1.6242


 170.4580,
182.5088, 66.7767

 13.7771, 15.0918,
0.3080

 209.3779,
223.9210, 89.2356

 8.0464, 8.8838,
0.0000

 253.8123,
271.1668, 116.2380

 4.1767, 4.6655,
0.0000

304.1266,

 1.8026, 2.0524,

324.6305, 148.2024

0.0000

360.6860,
384.6966, 185.5474

■ 0.5192, 0.6376,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6159, 67.5076,
14.0050

■ 62.6159, 67.5076,
14.0050

■ 61.0282, 65.1424,
10.9791

■ 64.5382, 70.0592,
18.6336


■ 59.7244, 62.9350,
9.3106


■ 66.8278, 72.8026,
25.0562


■ 59.2115, 62.0041,
8.8472

■ 69.5182, 75.7543,
33.4412


■ 72.6376, 78.9260,
43.9368

 76.2118, 82.3283,
56.6767

 80.2642, 85.9709,
71.7838

 84.8165, 89.8628,
89.3717

 89.5973, 93.8958,
108.0092

 90.9541, 96.6093,
108.4614

Harmonies

Analogous

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



80.3560, 67.5076, 17.7031



62.6159, 67.5076, 14.0050



48.0441, 67.5076, 19.4903

Triad

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



62.6159, 67.5076, 14.0050



40.3831, 67.5076, 136.7284



97.8734, 67.5076, 125.3502

Complementary

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



62.6159, 67.5076, 14.0050



22.4124, 15.4430, 88.9877

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.



83.5377, 67.5076, 183.9020



62.6159, 67.5076, 14.0050



50.3077, 67.5076, 192.2630

Square

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



62.6159, 67.5076, 14.0050



36.7108, 67.5076, 78.0651



65.7373, 67.5076, 212.5040



102.7208, 67.5076, 69.1246

Rectangle

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



62.6159, 67.5076, 14.0050



41.4835, 67.5076, 30.1028



65.7373, 67.5076, 212.5040



93.8928, 67.5076, 146.1220

Sweetspot

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



62.6174, 67.5108, 14.0063



83.7741, 90.3223, 65.4523



41.6470, 23.6350, 12.9812



17.6078, 19.0352, 12.8256



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.



62.6174, 67.5108, 14.0063



65.3997, 69.3327, 10.7436



54.2896, 76.8149, 16.2411



17.6500, 18.7842, 17.4930



31.6986, 33.2829, 4.7535



2.8500, 3.0533, 0.4391

Inverse Universe

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



22.4124, 15.4430, 88.9877



20.2419, 11.0810, 95.6797



25.8451, 13.8012, 88.4898



15.8188, 16.4019, 20.8747



9.4233, 4.6404, 46.9370



0.8933, 0.5380, 4.1470

Previews

White Background



This preview shows how the XYZ color 62.6159, 67.5076, 14.0050 looks on a white background.

Color Contrast Check

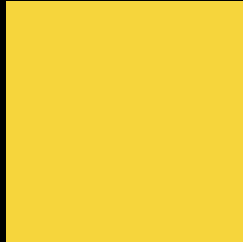
Large Text (above 18pt) WCAG AA × Fail

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 62.6159, 67.5076, 14.0050 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 62.6159, 67.5076, 14.0050

Background



This preview shows how black text looks on a background with the XYZ color 62.6159, 67.5076, 14.0050.



This preview shows how white text looks on a background with the XYZ color 62.6159, 67.5076,

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

62.6159, 67.5076, 14.0050

Protanopia

61.4184, 67.6386, 14.2333

Deuteranopia

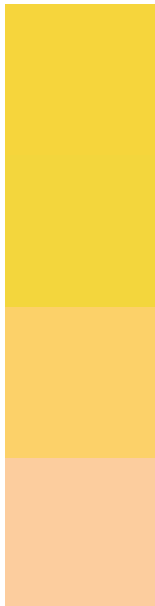
67.5821, 67.4974, 30.5854



Tritanopia

74.0319, 67.4236, 72.7305

Trichromacy



Original Color

62.6159, 67.5076, 14.0050

Protanomaly

61.8510, 67.4847, 14.1808

Deuteranomaly

65.4952, 67.3163, 22.9060

Tritanomaly

68.1478, 66.8267, 41.6548

Monochromacy



Original Color

62.6159, 67.5076, 14.0050

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7386, 62.5944, 38.7445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6159, 67.5076, 14.0050 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(246, 213, 60)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 60)  
}
```

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(246, 213, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 60) }
```

Border

The CSS property to change the border of an element to XYZ 62.6159, 67.5076, 14.0050 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(246, 213, 60) }
```


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

```
.border{ border-color:rgb(246, 213, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 60);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6159, 67.5076, 14.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 60) }
```

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

```
.background{ background-color: rgb(246,  
213, 60) }
```

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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