

Converting Colors

XYZ(61.9370, 60.7031, 14.8433)

Have a look what the booklet for
XYZ(61.9370, 60.7031, 14.8433)
contains.

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Color

**XYZ(61.9911, 60.7846,
14.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC34A
RGB	255, 195, 74
RGB Percent	100%, 76%, 29%
CMY	0.0000, 0.2353, 0.7098
CMYK	0.00, 0.24, 0.71, 0.00
HSL	40°, 100%, 65%
HSV	40°, 71%, 100%
XYZ	61.9911, 60.7846, 14.9439
YIQ	199.1460, 74.6010, -24.9110

Conversions

Conversions Part 2

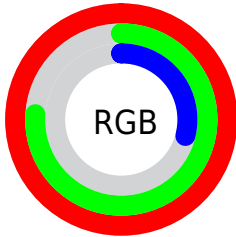
Format	Color
RYB	164, 255, 74
Decimal	16761674
CIELab	82.26, 10.06, 66.25
CIELCh	82, 67.014, 81.362
Yxy	60.7846, 0.4501, 0.4414
Android (android.graphics.Color)	4294951754 (0xFFFFC34A)
YUV	199.1460, -61.6970, 48.9840
Hunter-Lab	77.9645, 5.4910, 43.2107

Details

The XYZ color **61.9911, 60.7846, 14.9439** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **29.3988, 25.7251, 98.0230**, and the grayscale version is **54.7110, 57.5602, 62.6831**.

A 20% lighter version of the original color is **79.6996, 91.8393, 34.2950**, and **31.9540, 30.8285, 4.4386** is the 20% darker color. If you saturate the color by 10%, you get **59.4597, 56.8294, 10.6865**, and if you desaturate by 10%, it is **64.9805, 65.0994, 21.0717**.

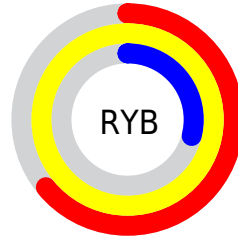
Distribution



Red (100%)

Green (76%)

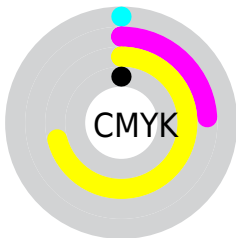
Blue (29%)



Red (64%)

Yellow (100%)

Blue (29%)

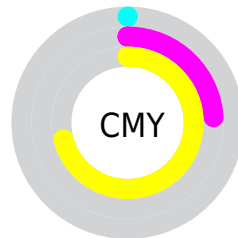


Cyan (0%)

Magenta (24%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9911, 60.7846, 14.9439 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 61.9911, 60.7846, 14.9439 by changing the saturation by 10% instead.

61.9911, 60.7846,
14.9439

61.9911, 60.7846,
14.9439

421.6167,
427.4838, 234.6555

45.2811, 44.0514,
8.6338

106.8027,
105.9670, 35.4956

31.8811, 30.7109,
4.4096

135.6349,
135.1849, 50.5744

21.4258, 20.3788,
1.8526

169.2387,
169.3332, 69.4131

13.5498, 12.6707,
0.4623

207.9792,
208.7963, 92.4304

7.8878, 7.2022,
0.0000

252.2219,
253.9584, 120.0447

4.0745, 3.5889,
0.0000

302.3322,

1.7443, 1.4463,

305.2042, 152.6747

0.0000

358.6753,
362.9178, 190.7387

■ 0.4838, 0.2505,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9911, 60.7846,
14.9439

■ 61.9911, 60.7846,
14.9439

■ 59.4597, 56.8294,
10.6865

■ 64.9805, 65.0994,
21.0717

■ 57.3352, 53.2033,
8.0582

■ 68.4629, 69.7832,
29.2644

■ 55.7041, 50.1887,
6.7515

■ 72.4740, 74.8554,
39.6960

■ 77.0448, 80.3311,
52.5209

■ 82.2034, 86.2241,
67.8797

■ 87.9759, 92.5472,
85.9021

■ 94.3867, 99.3128,
106.7088

■ 95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



76.6440, 60.7846, 21.8395



61.9911, 60.7846, 14.9439



48.3493, 60.7846, 16.6774

Triad

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



61.9911, 60.7846, 14.9439



35.8132, 60.7846, 99.1128



81.9508, 60.7846, 128.3311

Complementary

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



61.9911, 60.7846, 14.9439



29.3988, 25.7251, 98.0230

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.



68.3500, 60.7846, 169.5782



61.9911, 60.7846, 14.9439



42.2870, 60.7846, 148.4373

Square

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



61.9911, 60.7846, 14.9439



34.6817, 60.7846, 55.0758



53.7525, 60.7846, 178.1546



89.3482, 60.7846, 78.6938

Rectangle

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



61.9911, 60.7846, 14.9439



41.4809, 60.7846, 23.0061



53.7525, 60.7846, 178.1546



77.8565, 60.7846, 144.3620

Sweetspot

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



61.9925, 60.7876, 14.9451



82.1924, 86.2118, 67.8448



48.0153, 27.8885, 25.5295



17.2748, 18.0955, 13.5583



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.



61.9925, 60.7876, 14.9451



58.5597, 55.3331, 9.4489



67.9953, 87.9947, 19.8802



19.0242, 20.0165, 19.0052



29.2495, 26.5103, 3.5754



2.9482, 2.7818, 0.3816

Inverse Universe

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



29.3988, 25.7251, 98.0230



24.4446, 18.8089, 96.9498



26.2276, 15.0713, 96.1337



17.4948, 18.3612, 22.8719



11.2308, 7.3711, 50.2654



1.1889, 0.9085, 4.9260

Previews

White Background



This preview shows how the XYZ color 61.9911, 60.7846, 14.9439 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 61.9911, 60.7846, 14.9439 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 61.9911, 60.7846, 14.9439

Background



This preview shows how black text looks on a background with the XYZ color 61.9911, 60.7846, 14.9439.



This preview shows how white text looks on a background with the XYZ color 61.9911, 60.7846,

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

61.9911, 60.7846, 14.9439

Protanopia

55.4840, 60.8565, 15.8433

Deuteranopia

62.1664, 60.8547, 15.8668



Tritanopia

69.2034, 60.8779, 61.5293

Trichromacy



Original Color

61.9911, 60.7846, 14.9439

Protanomaly

57.4510, 60.4722, 15.4818

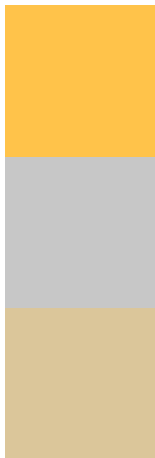
Deuteranomaly

62.0947, 60.8260, 15.4890

Tritanomaly

65.4032, 60.3868, 38.3457

Monochromacy



Original Color

61.9911, 60.7846, 14.9439

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2402, 57.7813, 38.8133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9911, 60.7846, 14.9439 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(255, 195, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 74)  
}
```

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(255, 195, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 74) }
```

Border

The CSS property to change the border of an element to XYZ 61.9911, 60.7846, 14.9439 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(255, 195, 74) }
```


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

```
.border{ border-color:rgb(255, 195, 74) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9911, 60.7846, 14.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 74) }
```

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

```
.background{ background-color: rgb(255,  
195, 74) }
```

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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