

Converting Colors

XYZ(69.1976, 62.5683, 14.5150)

Have a look what the booklet for
XYZ(69.1976, 62.5683, 14.5150)
contains.

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Color

**XYZ(60.6073, 58.1231,
14.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD48
RGB	255, 189, 72
RGB Percent	100%, 74%, 28%
CMY	0.0000, 0.2588, 0.7176
CMYK	0.00, 0.26, 0.72, 0.00
HSL	38°, 100%, 64%
HSV	38°, 72%, 100%
XYZ	60.6073, 58.1231, 14.1554
YIQ	195.3960, 76.8930, -22.3950

Conversions

Conversions Part 2

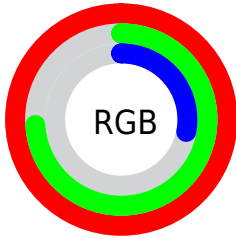
Format	Color
RYB	175, 255, 72
Decimal	16760136
CIELab	80.81, 13.09, 65.59
CIELCh	81, 66.885, 78.716
Yxy	58.1231, 0.4561, 0.4374
Android (android.graphics.Color)	4294950216 (0xFFFFBD48)
YUV	195.3960, -60.8342, 52.2727
Hunter-Lab	76.2385, 8.4847, 42.3584

Details

The XYZ color **60.6073, 58.1231, 14.1554** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **29.8105, 26.7736, 98.2037**, and the grayscale version is **52.4293, 55.1597, 60.0689**.

A 20% lighter version of the original color is **77.6583, 88.0712, 32.6451**, and **31.0687, 29.0842, 4.0625** is the 20% darker color. If you saturate the color by 10%, you get **58.0260, 54.0274, 10.0072**, and if you desaturate by 10%, it is **63.6614, 62.6133, 20.1630**.

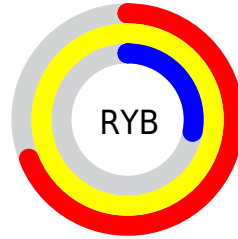
Distribution



Red (100%)

Green (74%)

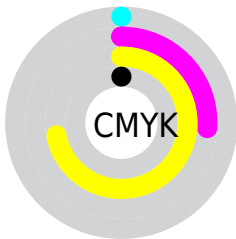
Blue (28%)



Red (69%)

Yellow (100%)

Blue (28%)

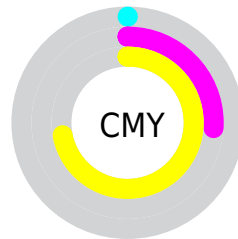


Cyan (0%)

Magenta (26%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6073, 58.1231, 14.1554 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 60.6073, 58.1231, 14.1554 by changing the saturation by 10% instead.


 60.6073, 58.1231,
14.1554


 60.6073, 58.1231,
14.1554


416.6316,
417.6445, 229.6574


 44.1597, 41.9076,
8.0888


 104.8115,
102.1021, 34.0856

 30.9945, 29.0290,
4.0633


 133.2987,
130.6344, 48.7863


 20.7465, 19.1027,
1.6601


 166.5298,
164.0411, 67.2022

 13.0502, 11.7445,
0.3332

 204.8703,
202.7066, 89.7517

 7.5404, 6.5700,
0.0000

 248.6853,
247.0153, 116.8535

 3.8516, 3.1947,
0.0000

298.3403,

 1.6185, 1.2342,

297.3516, 148.9260

0.0000

354.2006,
354.0998, 186.3878

■ 0.4044, 0.0894,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6073, 58.1231,
14.1554

■ 60.6073, 58.1231,
14.1554

■ 58.0260, 54.0274,
10.0072

■ 63.6614, 62.6133,
20.1630

■ 55.8655, 50.2947,
7.4731

■ 67.2246, 67.5091,
28.2274

■ 54.3442, 47.4688,
6.2981

■ 71.3334, 72.8309,
38.5244

■ 76.0194, 78.5947,
51.2097

■ 81.3114, 84.8155,
66.4251

■ 87.2362, 91.5072,
84.3012

■ 93.8187, 98.6829,
104.9595

■ 95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



74.6910, 58.1231, 21.6029



60.6073, 58.1231, 14.1554



47.1511, 58.1231, 15.1168

Triad

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



60.6073, 58.1231, 14.1554



33.7101, 58.1231, 90.9718



77.7076, 58.1231, 127.9262

Complementary

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



60.6073, 58.1231, 14.1554



29.8105, 26.7736, 98.2037

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.



64.2142, 58.1231, 166.1528



60.6073, 58.1231, 14.1554



39.5049, 58.1231, 139.4001

Square

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



60.6073, 58.1231, 14.1554



33.0731, 58.1231, 49.5355



50.2073, 58.1231, 171.0573



85.6057, 58.1231, 79.3716

Rectangle

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



60.6073, 58.1231, 14.1554



40.2390, 58.1231, 20.5497



50.2073, 58.1231, 171.0573



73.5811, 58.1231, 143.1447

Sweetspot

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



60.6086, 58.1260, 14.1565



81.1795, 84.6634, 66.0350



48.2250, 27.7621, 27.2821



17.0563, 17.7512, 13.1996



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.



60.6086, 58.1260, 14.1565



57.0627, 52.4031, 8.7524



69.7555, 88.9098, 19.6163



18.9780, 19.9242, 18.9898



28.5429, 25.0970, 3.3398



2.8828, 2.6510, 0.3597

Inverse Universe

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



29.8105, 26.7736, 98.2037



24.8733, 19.8020, 97.1190



25.2339, 14.3639, 96.0496



17.5392, 18.4499, 22.8867



11.5577, 8.0250, 50.3744



1.2245, 0.9797, 4.9378

Previews

White Background



This preview shows how the XYZ color 60.6073, 58.1231, 14.1554 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 60.6073, 58.1231, 14.1554 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 60.6073, 58.1231, 14.1554

Background



This preview shows how black text looks on a background with the XYZ color 60.6073, 58.1231, 14.1554.



This preview shows how white text looks on a background with the XYZ color 60.6073, 58.1231,

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

60.6073, 58.1231, 14.1554

Protanopia

52.8971, 58.1286, 15.0886

Deuteranopia

59.5518, 58.2258, 14.0612



Tritanopia

67.2783, 58.1135, 57.5403

Trichromacy



Original Color

60.6073, 58.1231, 14.1554

Protanomaly

55.4632, 58.0891, 14.7677

Deuteranomaly

59.6957, 57.9773, 14.0057

Tritanomaly

63.7258, 57.6791, 35.7914

Monochromacy



Original Color

60.6073, 58.1231, 14.1554

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1903, 55.0937, 36.6849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6073, 58.1231, 14.1554 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, 189, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 72)  
}
```

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, 189, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 72) }
```

Border

The CSS property to change the border of an element to XYZ 60.6073, 58.1231, 14.1554 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, 189, 72) }
```


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

```
.border{ border-color:rgb(255, 189, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6073, 58.1231, 14.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 72) }
```

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

```
.background{ background-color: rgb(255,  
189, 72) }
```

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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