

Converting Colors

XYZ(64.0026, 64.9136, 15.2872)

Have a look what the booklet for
XYZ(64.0026, 64.9136, 15.2872)
contains.

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Color

**XYZ(64.0026, 64.9136,
15.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC48
RGB	255, 204, 72
RGB Percent	100%, 80%, 28%
CMY	0.0000, 0.2000, 0.7176
CMYK	0.00, 0.20, 0.72, 0.00
HSL	43°, 100%, 64%
HSV	43°, 72%, 100%
XYZ	64.0026, 64.9136, 15.2872
YIQ	204.2010, 72.7680, -30.2400

Conversions

Conversions Part 2

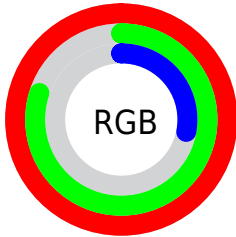
Format	Color
RYB	143, 255, 72
Decimal	16763976
CIELab	84.44, 5.32, 69.22
CIELCh	84, 69.427, 85.602
Yxy	64.9136, 0.4438, 0.4502
Android (android.graphics.Color)	4294954056 (0xFFFFCC48)
YUV	204.2010, -65.1751, 44.5507
Hunter-Lab	80.5690, 0.8016, 45.1486

Details

The XYZ color **64.0026, 64.9136, 15.2872** 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 **27.8053, 22.7631, 97.5354**, and the grayscale version is **57.8905, 60.9054, 66.3259**.

A 20% lighter version of the original color is **80.8963, 94.3385, 34.3675**, and **33.1545, 33.2820, 4.6766** is the 20% darker color. If you saturate the color by 10%, you get **61.6867, 61.3487, 11.2275**, and if you desaturate by 10%, it is **66.7433, 68.7768, 21.1905**.

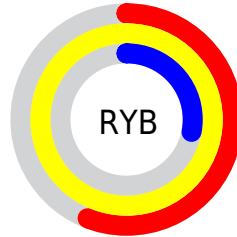
Distribution



Red (100%)

Green (80%)

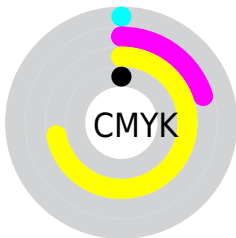
Blue (28%)



Red (56%)

Yellow (100%)

Blue (28%)

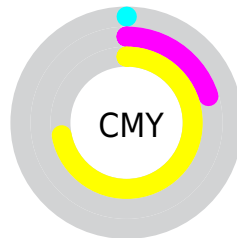


Cyan (0%)

Magenta (20%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0026, 64.9136, 15.2872 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 64.0026, 64.9136, 15.2872 by changing the saturation by 10% instead.


 64.0026, 64.9136,
15.2872


 64.0026, 64.9136,
15.2872


428.8011,
442.4814, 236.7984


 46.9145, 47.3910,
8.8723


 109.6884,
111.9256, 36.1056


 33.1757, 33.3449,
4.5623


 139.0168,
142.1839, 51.3463


 22.4210, 22.3908,
1.9386


 173.1559,
177.4561, 70.3660

 14.2849, 14.1443,
0.5172

 212.4713,
218.1268, 93.5832

 8.4021, 8.2211,
0.0000

 257.3281,
264.5803, 121.4165

 4.4073, 4.2368,
0.0000

308.0917,

 1.9350, 1.8069,

317.2009, 154.2844

0.0000

365.1276,
376.3732, 192.6056

■ 0.5971, 0.4914,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0026, 64.9136,
15.2872

■ 64.0026, 64.9136,
15.2872

■ 61.6867, 61.3487,
11.2275

■ 66.7433, 68.7768,
21.1905

■ 59.7443, 58.0524,
8.7661

■ 69.9432, 72.9461,
29.1339

■ 58.3683, 55.5169,
7.6395

■ 73.6379, 77.4397,
39.2929

■ 77.8579, 82.2714,
51.8230

■ 82.6307, 87.4538,
66.8654

■ 87.9820, 92.9985,
84.5505

■ 93.9357, 98.9166,
104.9993

■ 95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



80.0324, 64.9136, 21.1810



64.0026, 64.9136, 15.2872



49.7401, 64.9136, 18.3940

Triad

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



64.0026, 64.9136, 15.2872



38.6146, 64.9136, 114.1459



89.5747, 64.9136, 130.4031

Complementary

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



64.0026, 64.9136, 15.2872



27.8053, 22.7631, 97.5354

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.



75.4344, 64.9136, 178.4008



64.0026, 64.9136, 15.2872



46.4029, 64.9136, 166.5875

Square

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



64.0026, 64.9136, 15.2872



36.5828, 64.9136, 64.3597



59.4502, 64.9136, 193.8349



96.2783, 64.9136, 77.4008

Rectangle

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



64.0026, 64.9136, 15.2872



42.8273, 64.9136, 26.3269



59.4502, 64.9136, 193.8349



85.4298, 64.9136, 148.3979

Sweetspot

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



64.0041, 64.9168, 15.2885



82.5114, 87.3272, 66.4790



47.1862, 27.3467, 21.8115



17.3726, 18.3838, 13.3050



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.



64.0041, 64.9168, 15.2885



60.8214, 59.9205, 10.0053



65.0570, 86.4877, 19.3966



19.1082, 20.1846, 19.0332



30.6311, 29.2734, 4.0359



3.0746, 3.0345, 0.4237

Inverse Universe

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



27.8053, 22.7631, 97.5354



23.0242, 16.1039, 96.5026



27.0056, 15.2773, 96.1327



17.4150, 18.2016, 22.8453



10.7180, 6.3456, 50.0945



1.1308, 0.7923, 4.9066

Previews

White Background



This preview shows how the XYZ color 64.0026, 64.9136, 15.2872 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 64.0026, 64.9136, 15.2872 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 64.0026, 64.9136, 15.2872

Background



This preview shows how black text looks on a background with the XYZ color 64.0026, 64.9136, 15.2872.



This preview shows how white text looks on a background with the XYZ color 64.0026, 64.9136,

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

64.0026, 64.9136, 15.2872

Protanopia

59.1224, 64.9158, 15.8925

Deuteranopia

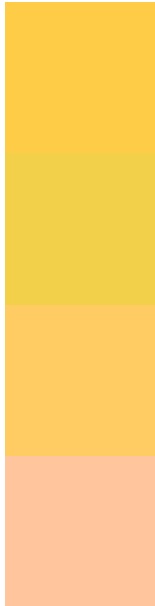
65.3978, 64.7160, 24.9642



Tritanopia

72.0176, 64.7952, 67.7425

Trichromacy



Original Color

64.0026, 64.9136, 15.2872

Protanomaly

60.7206, 64.6475, 15.5812

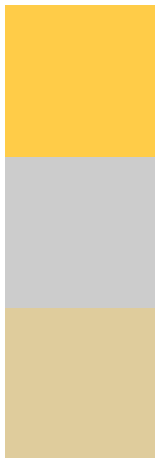
Deuteranomaly

64.8481, 64.8727, 20.9082

Tritanomaly

67.6056, 64.1168, 41.1603

Monochromacy



Original Color

64.0026, 64.9136, 15.2872

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.0250, 61.2740, 40.2213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0026, 64.9136, 15.2872 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, 204, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 72) }
```

Border

The CSS property to change the border of an element to XYZ 64.0026, 64.9136, 15.2872 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, 204, 72) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0026, 64.9136, 15.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 72) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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