

Converting Colors

XYZ(57.9651, 54.0886, 9.4664)

Have a look what the booklet for
XYZ(57.9651, 54.0886, 9.4664)
contains.

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Color

**XYZ(57.9615, 54.0626,
9.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB429
RGB	255, 180, 41
RGB Percent	100%, 71%, 16%
CMY	0.0000, 0.2941, 0.8392
CMYK	0.00, 0.29, 0.84, 0.00
HSL	39°, 100%, 58%
HSV	39°, 84%, 100%
XYZ	57.9615, 54.0626, 9.4780
YIQ	186.5790, 89.3190, -27.3290

Conversions

Conversions Part 2

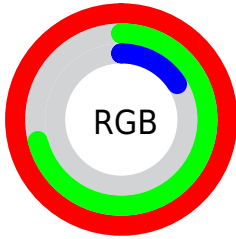
Format	Color
R _Y B	156, 255, 41
Decimal	16757801
CIE Lab	78.50, 16.68, 74.29
CIE LCh	78, 76.141, 77.342
Yxy	54.0626, 0.4770, 0.4450
Android (android.graphics.Color)	4294947881 (0xFFFFB429)
YUV	186.5790, -71.7704, 60.0052
Hunter-Lab	73.5273, 12.0387, 43.8263

Details

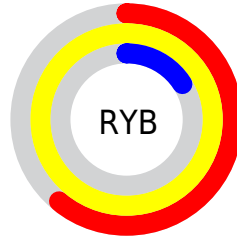
The XYZ color **57.9615, 54.0626, 9.4780** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **25.2097, 20.1818, 97.1738**, and the grayscale version is **47.3545, 49.8207, 54.2547**.

A 20% lighter version of the original color is **73.5357, 82.1710, 24.0414**, and **29.5817, 26.5162, 3.5590** is the 20% darker color. If you saturate the color by 10%, you get **55.9059, 50.4484, 7.2620**, and if you desaturate by 10%, it is **60.4234, 58.0300, 13.2490**.

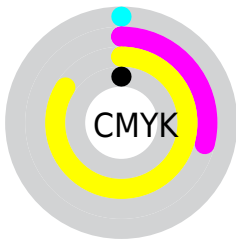
Distribution



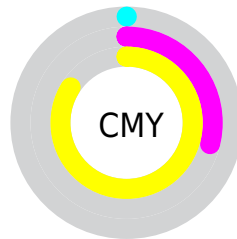
- Red (100%)
- Green (71%)
- Blue (16%)



- Red (61%)
- Yellow (100%)
- Blue (16%)



- Cyan (0%)
- Magenta (29%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9615, 54.0626, 9.4780 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 57.9615, 54.0626, 9.4780 by changing the saturation by 10% instead.


 57.9615, 54.0626,
9.4780

 57.9615, 54.0626,
9.4780


406.9986,
402.3487, 197.2523


 42.0208, 38.6517,
4.9532


 100.9901, 96.1662,
25.4012


 29.3088, 26.4889,
2.1616


 128.8087,
123.6276, 37.6367


 19.4600, 17.1897,
0.6521


 161.3174,
155.8747, 53.2795

 12.1091, 10.3699,
0.0000

 198.8814,
193.2918, 72.7482

 6.8908, 5.6449,
0.0000

 241.8662,
236.2634, 96.4613

 3.4396, 2.6304,
0.0000

 290.6371,

 1.3903, 0.9420,

285.1738, 124.8373

0.0000

345.5595,
340.4074, 158.2948

■ 0.2493, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9615, 54.0626,
9.4780

■ 57.9615, 54.0626,
9.4780

■ 55.9059, 50.4484,
7.2620


■ 60.4234, 58.0300,
13.2490


■ 54.8100, 48.4005,
6.4534

■ 63.3382, 62.3657,
18.8260

■ 66.7486, 67.0925,
26.4180

■ 70.6904, 72.2279,
36.2043

 75.1957, 77.7878,
48.3443

 80.2939, 83.7871,
62.9825

 86.0117, 90.2394,
80.2516

 92.3745, 97.1579,
100.2749

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.



73.4893, 54.0626, 16.6417



57.9615, 54.0626, 9.4780



43.2650, 54.0626, 10.0042

Triad

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



57.9615, 54.0626, 9.4780



28.4945, 54.0626, 87.0510



75.6238, 54.0626, 134.3660

Complementary

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



57.9615, 54.0626, 9.4780



25.2097, 20.1818, 97.1738

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.



60.4620, 54.0626, 178.0083



57.9615, 54.0626, 9.4780



34.2273, 54.0626, 142.8062

Square

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



57.9615, 54.0626, 9.4780



28.0850, 54.0626, 42.5696



45.3256, 54.0626, 181.6844



84.9409, 54.0626, 78.8642

Rectangle

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



57.9615, 54.0626, 9.4780



35.8125, 54.0626, 14.6113



45.3256, 54.0626, 181.6844



70.9212, 54.0626, 151.8738

Sweetspot

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



57.9627, 54.0653, 9.4790



79.7141, 83.1178, 61.2765



45.3909, 24.1893, 19.8777



16.6689, 17.3322, 11.9732



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.



57.9627, 54.0653, 9.4790



54.8104, 48.4008, 6.4535



67.6707, 87.9239, 15.5027



18.9941, 19.9564, 18.9952



28.7851, 25.5814, 3.4206



2.9053, 2.6960, 0.3672

Inverse Universe

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



25.2097, 20.1818, 97.1738



21.6526, 14.4252, 96.2509



21.3356, 10.0912, 95.4303



17.5237, 18.4189, 22.8816



11.4400, 7.7895, 50.3352



1.2118, 0.9543, 4.9336

Previews

White Background



This preview shows how the XYZ color 57.9615, 54.0626, 9.4780 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 57.9615, 54.0626, 9.4780 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 57.9615, 54.0626, 9.4780

Background



This preview shows how black text looks on a background with the XYZ color 57.9615, 54.0626, 9.4780.



This preview shows how white text looks on a background with the XYZ color 57.9615, 54.0626,

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

57.9615, 54.0626, 9.4780

Protanopia

49.2022, 54.2797, 10.3664

Deuteranopia

55.3550, 54.2503, 9.3876



Tritanopia

64.4360, 54.1424, 51.3104

Trichromacy



Original Color

57.9615, 54.0626, 9.4780

Protanomaly

52.1468, 54.1646, 10.0892

Deuteranomaly

56.3666, 54.1532, 9.4012

Tritanomaly

60.6667, 53.5586, 28.6131

Monochromacy



Original Color

57.9615, 54.0626, 9.4780

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.5949, 49.9993, 29.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9615, 54.0626, 9.4780 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, 180, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 41)  
}
```

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, 180, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 41) }
```

Border

The CSS property to change the border of an element to XYZ 57.9615, 54.0626, 9.4780 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, 180, 41) }
```


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

```
.border{ border-color:rgb(255, 180, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9615, 54.0626, 9.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 41) }
```

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

```
.background{ background-color: rgb(255,  
180, 41) }
```

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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