

Converting Colors

XYZ(57.4995, 55.8607, 14.8871)

Have a look what the booklet for
XYZ(57.4995, 55.8607, 14.8871)
contains.

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Color

**XYZ(57.5032, 55.8649,
14.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BB4E
RGB	247, 187, 78
RGB Percent	97%, 73%, 31%
CMY	0.0314, 0.2666, 0.6941
CMYK	0.00, 0.24, 0.68, 0.03
HSL	39°, 91%, 64%
HSV	39°, 68%, 97%
XYZ	57.5032, 55.8649, 14.9600
YIQ	192.5140, 70.7490, -21.1790

Conversions

Conversions Part 2

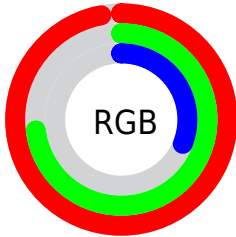
Format	Color
RYB	171, 247, 78
Decimal	16235342
CIELab	79.54, 11.09, 61.52
CIELCh	80, 62.508, 79.783
Yxy	55.8649, 0.4481, 0.4353
Android (android.graphics.Color)	4294425422 (0xFFF7BB4E)
YUV	192.5140, -56.4554, 47.7842
Hunter-Lab	74.7428, 6.5286, 40.4529

Details

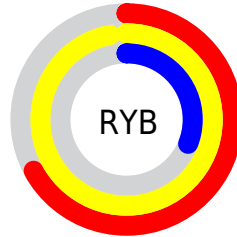
The XYZ color **57.5032, 55.8649, 14.9600** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **29.0184, 26.5109, 91.5826**, and the grayscale version is **50.6962, 53.3364, 58.0833**.

A 20% lighter version of the original color is **77.4554, 87.0271, 34.5454**, and **28.8923, 27.5363, 4.4083** is the 20% darker color. If you saturate the color by 10%, you get **54.9750, 51.9696, 10.5385**, and if you desaturate by 10%, it is **60.4800, 60.1258, 21.1718**.

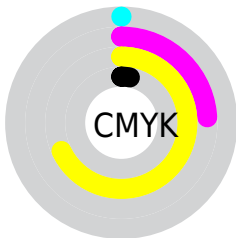
Distribution



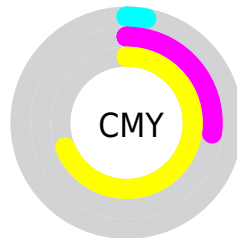
- Red (97%)
- Green (73%)
- Blue (31%)



- Red (67%)
- Yellow (97%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5032, 55.8649, 14.9600 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 57.5032, 55.8649, 14.9600 by changing the saturation by 10% instead.

57.5032, 55.8649,
14.9600

57.5032, 55.8649,
14.9600

405.3160,
409.1822, 234.7564

41.6511, 40.0946,
8.6450

100.3262, 98.8070,
35.5243

29.0181, 27.6123,
4.4167

128.0278,
126.7476, 50.6107

19.2389, 18.0336,
1.8566

160.4099,
159.5138, 69.4580

11.9480, 10.9741,
0.4649

197.8379,
197.4900, 92.4847

6.7802, 6.0494,
0.0000

240.6771,
241.0605, 120.1093

3.3702, 2.8752,
0.0000

289.2930,

1.3524, 1.0669,

290.6098, 152.7505

0.0000

344.0508,
346.5222, 190.8266

■ 0.2219, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5032, 55.8649,
14.9600

■ 57.5032, 55.8649,
14.9600

■ 54.9750, 51.9696,
10.5385

■ 60.4800, 60.1258,
21.1718

■ 52.8500, 48.4120,
7.6958

■ 63.9368, 64.7613,
29.3471

■ 51.0717, 45.1683,
6.1387

■ 67.9061, 69.7898,
39.6418

■ 50.8100, 44.6792,
5.9460

■ 72.4162, 75.2255,
52.1953

■ 77.4928, 81.0817,
67.1350

■ 83.1601, 87.3708,
84.5787

■ 89.4405, 94.1046,
104.6364

■ 92.1674, 98.5140,
108.7651

Harmonies

Analogous

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



70.2904, 55.8649, 21.7913



57.5032, 55.8649, 14.9600



45.3272, 55.8649, 16.1643

Triad

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



57.5032, 55.8649, 14.9600



33.4404, 55.8649, 87.4051



73.7846, 55.8649, 117.3906

Complementary

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



57.5032, 55.8649, 14.9600



29.0184, 26.5109, 91.5826

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.



61.7096, 55.8649, 152.0273



57.5032, 55.8649, 14.9600



38.9657, 55.8649, 130.5098

Square

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



57.5032, 55.8649, 14.9600



32.6794, 55.8649, 49.3528



48.9236, 55.8649, 157.5990



80.6261, 55.8649, 73.9554

Rectangle

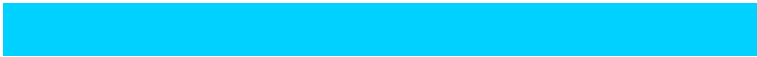
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5032, 55.8649, 14.9600



39.0798, 55.8649, 21.6219



48.9236, 55.8649, 157.5990



70.1217, 55.8649, 131.0705

Sweetspot

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



57.5045, 55.8677, 14.9611



81.8283, 85.4835, 67.7234



45.8134, 27.1158, 27.6180



17.1878, 17.9215, 13.5293



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.



57.5045, 55.8677, 14.9611



58.2085, 54.4112, 10.0089



65.5209, 82.9930, 19.7743



17.3909, 18.2659, 17.4066



27.0108, 23.9072, 3.1909



2.4706, 2.2945, 0.3127

Inverse Universe

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



29.0184, 26.5109, 91.5826



25.9042, 21.2625, 97.3465



24.8280, 14.9046, 89.5632



16.0625, 16.8892, 20.9559



10.8319, 7.4576, 47.4066



1.0452, 0.8419, 4.1976

Previews

White Background



This preview shows how the XYZ color 57.5032, 55.8649, 14.9600 looks on a white background.

Color Contrast Check

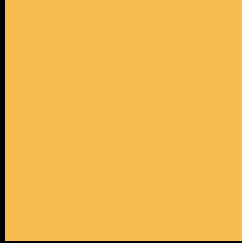
Large Text (above 18pt) WCAG AA × Fail

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 57.5032, 55.8649, 14.9600 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 57.5032, 55.8649, 14.9600

Background



This preview shows how black text looks on a background with the XYZ color 57.5032, 55.8649, 14.9600.



This preview shows how white text looks on a background with the XYZ color 57.5032, 55.8649,

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

57.5032, 55.8649, 14.9600

Protanopia

51.1945, 56.1979, 15.9336

Deuteranopia

57.3644, 56.1093, 15.0145



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

57.5032, 55.8649, 14.9600

Protanomaly

53.3729, 55.9858, 15.5827

Deuteranomaly

57.3644, 56.1093, 15.0145

Tritanomaly

61.8910, 55.5079, 35.8859

Monochromacy



Original Color

57.5032, 55.8649, 14.9600

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6573, 53.6421, 36.9095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5032, 55.8649, 14.9600 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(247, 187, 78)` looks like.

```
.text, #text, p{  
    color:rgb(247, 187, 78)  
}
```

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(247, 187, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 187, 78) }
```

Border

The CSS property to change the border of an element to XYZ 57.5032, 55.8649, 14.9600 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(247, 187, 78) }
```


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

```
.border{ border-color:rgb(247, 187, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 187, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 187, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 187, 78);  
box-shadow:4px 4px 4px 4px rgb(247, 187,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5032, 55.8649, 14.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 187, 78) }
```

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

```
.background{ background-color: rgb(247,  
187, 78) }
```

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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