

Converting Colors

XYZ(57.4418, 55.1761, 11.2232)

Have a look what the booklet for
XYZ(57.4418, 55.1761, 11.2232)
contains.

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Color

**XYZ(57.4629, 55.2978,
11.2593)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB937
RGB	250, 185, 55
RGB Percent	98%, 73%, 22%
CMY	0.0196, 0.2745, 0.7843
CMYK	0.00, 0.26, 0.78, 0.02
HSL	40°, 95%, 60%
HSV	40°, 78%, 98%
XYZ	57.4629, 55.2978, 11.2593
YIQ	189.6150, 80.4700, -26.6500

Conversions

Conversions Part 2

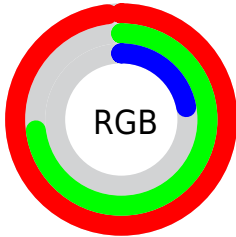
Format	Color
RYB	153, 250, 55
Decimal	16431415
CIELab	79.21, 12.39, 70.29
CIELCh	79, 71.368, 80.005
Yxy	55.2978, 0.4633, 0.4459
Android (android.graphics.Color)	4294621495 (0xFFFFAB937)
YUV	189.6150, -66.3652, 52.9576
Hunter-Lab	74.3625, 7.7998, 43.0766

Details

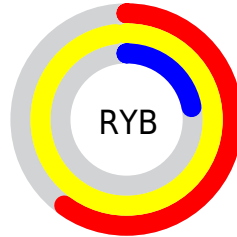
The XYZ color **57.4629, 55.2978, 11.2593** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **25.5470, 21.1465, 93.1770**, and the grayscale version is **49.0606, 51.6156, 56.2094**.

A 20% lighter version of the original color is **75.5645, 85.3183, 27.5243**, and **29.2375, 27.3213, 3.7326** is the 20% darker color. If you saturate the color by 10%, you get **55.3164, 51.7334, 8.2987**, and if you desaturate by 10%, it is **60.0173, 59.1933, 15.8524**.

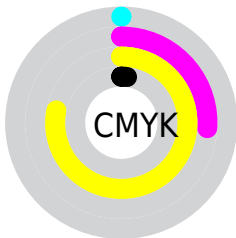
Distribution



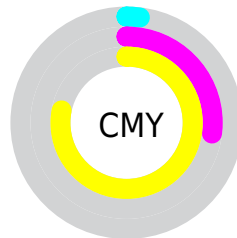
- Red (98%)
- Green (73%)
- Blue (22%)



- Red (60%)
- Yellow (98%)
- Blue (22%)



- Cyan (0%)
- Magenta (26%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4629, 55.2978, 11.2593 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 57.4629, 55.2978, 11.2593 by changing the saturation by 10% instead.

57.4629, 55.2978,
11.2593

57.4629, 55.2978,
11.2593

405.1678,
407.0398, 210.2389

41.6186, 39.6402,
6.1252

100.2678, 97.9771,
28.7826

28.9926, 27.2581,
2.8513

127.9590,
125.7677, 42.0089

19.2194, 17.7672,
1.0192

160.3300,
158.3713, 58.7696

11.9339, 10.7830,
0.0000

197.7460,
196.1724, 79.4833

6.7706, 5.9211,
0.0000

240.5725,
239.5555, 104.5685

3.3641, 2.7972,
0.0000

289.1747,

1.3491, 1.0268,

288.9048, 134.4438

0.0000

343.9180,
344.6047, 169.5278

■ 0.2195, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4629, 55.2978,
11.2593

■ 57.4629, 55.2978,
11.2593

■ 55.3164, 51.7334,
8.2987

■ 60.0173, 59.1933,
15.8524


■ 53.5173, 48.4665,
6.6780


■ 63.0177, 63.4312,
22.2878

■ 53.1831, 47.8419,
6.4314


■ 66.5013, 68.0311,
30.7468


■ 70.4997, 73.0083,
41.3884

 75.0415, 78.3769,
54.3552

 80.1529, 84.1497,
69.7780

 85.8583, 90.3389,
87.7776

 92.1800, 96.9558,
108.4637

 93.2340, 99.0638,
108.8150

Harmonies

Analogous

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



72.2252, 55.2978, 17.8617



57.4629, 55.2978, 11.2593



43.7254, 55.2978, 12.4593

Triad

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



57.4629, 55.2978, 11.2593



30.7744, 55.2978, 91.2689



76.4883, 55.2978, 126.0979

Complementary

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



57.4629, 55.2978, 11.2593



25.5470, 21.1465, 93.1770

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.



62.5086, 55.2978, 168.2496



57.4629, 55.2978, 11.2593



36.8320, 55.2978, 142.6330

Square

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



57.4629, 55.2978, 11.2593



29.9158, 55.2978, 47.5832



47.9422, 55.2978, 175.3842



84.4514, 55.2978, 74.8933

Rectangle

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



57.4629, 55.2978, 11.2593



36.8289, 55.2978, 17.8658



47.9422, 55.2978, 175.3842



72.2300, 55.2978, 142.6164

Sweetspot

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



57.4642, 55.3006, 11.2604



81.0816, 84.9372, 64.5547



44.1808, 24.4128, 20.1537



16.9496, 17.7187, 12.6062



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.



57.4642, 55.3006, 11.2604



56.6793, 51.9972, 7.5124



63.6392, 83.4750, 16.3731



18.2115, 19.1589, 18.2006



28.3480, 25.6526, 3.4573



2.7229, 2.5707, 0.3527

Inverse Universe

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



25.5470, 21.1465, 93.1770



22.3615, 15.5432, 96.4293



22.5992, 11.6854, 91.5062



16.7557, 17.5882, 21.8970



10.9244, 7.2044, 48.7884



1.1049, 0.8536, 4.5497

Previews

White Background



This preview shows how the XYZ color 57.4629, 55.2978, 11.2593 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 57.4629, 55.2978, 11.2593 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 57.4629, 55.2978, 11.2593

Background



This preview shows how black text looks on a background with the XYZ color 57.4629, 55.2978, 11.2593.



This preview shows how white text looks on a background with the XYZ color 57.4629, 55.2978,

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

57.4629, 55.2978, 11.2593

Protanopia

50.2452, 55.4536, 12.0584

Deuteranopia

56.5825, 55.1583, 11.1544



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

57.4629, 55.2978, 11.2593

Protanomaly

52.7635, 55.4243, 11.7879

Deuteranomaly

56.9362, 55.3406, 11.1710

Tritanomaly

61.0886, 54.5875, 31.7428

Monochromacy



Original Color

57.4629, 55.2978, 11.2593

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.9423, 51.8866, 32.5822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4629, 55.2978, 11.2593 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(250, 185, 55)` looks like.

```
.text, #text, p{  
    color:rgb(250, 185, 55)  
}
```

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(250, 185, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 185, 55) }
```

Border

The CSS property to change the border of an element to XYZ 57.4629, 55.2978, 11.2593 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(250, 185, 55) }
```


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

```
.border{ border-color:rgb(250, 185, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 185, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 185, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 185, 55);  
box-shadow:4px 4px 4px 4px rgb(250, 185,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4629, 55.2978, 11.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 185, 55) }
```

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

```
.background{ background-color: rgb(250,  
185, 55) }
```

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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