

Converting Colors

XYZ(55.9307, 54.5210, 10.5934)

Have a look what the booklet for
XYZ(55.9307, 54.5210, 10.5934)
contains.

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Color

**XYZ(55.9307, 54.5210,
10.5934)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6B932 |
| RGB | 246, 185, 50 |
| RGB Percent | 96%, 73%, 20% |
| CMY | 0.0353, 0.2745, 0.8039 |
| CMYK | 0.00, 0.25, 0.80, 0.04 |
| HSL | 41°, 92%, 58% |
| HSV | 41°, 80%, 96% |
| XYZ | 55.9307, 54.5210, 10.5934 |
| YIQ | 187.8490, 79.6910, -29.0530 |

Conversions

Conversions Part 2

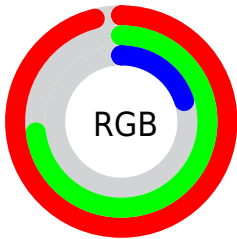
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 139, 246, 50 |
| Decimal | 16169266 |
| CIE _{Lab} | 78.76, 10.53, 71.40 |
| CIE _{LCh} | 79, 72.173, 81.614 |
| Yxy | 54.5210, 0.4621, 0.4504 |
| Android (android.graphics.Color) | 4294359346 (0xFFFF6B932) |
| YUV | 187.8490, -67.9596, 50.9984 |
| Hunter-Lab | 73.8383, 5.9922, 43.1806 |

Details

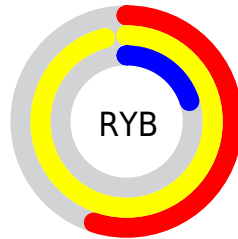
The XYZ color **55.9307, 54.5210, 10.5934** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **23.6343, 18.7005, 89.5520**, and the grayscale version is **48.0577, 50.5605, 55.0603**.

A 20% lighter version of the original color is **75.3491, 85.2321, 26.3900**, and **28.2588, 26.8168, 3.6868** is the 20% darker color. If you saturate the color by 10%, you get **53.9772, 51.2478, 7.9897**, and if you desaturate by 10%, it is **58.2576, 58.0860, 14.7273**.

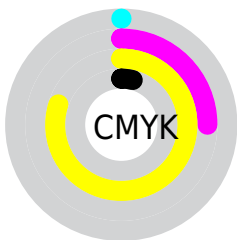
Distribution



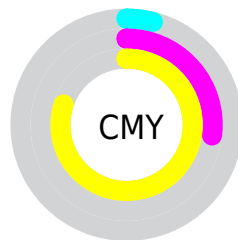
- Red (96%)
- Green (73%)
- Blue (20%)



- Red (55%)
- Yellow (96%)
- Blue (20%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9307, 54.5210, 10.5934 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 55.9307, 54.5210, 10.5934 by changing the saturation by 10% instead.


 55.9307, 54.5210,
10.5934

 55.9307, 54.5210,
10.5934


399.5095,
404.0936, 205.4927

 40.3841, 39.0183,
5.6834


 98.0436, 96.8388,
27.5309

 28.0237, 26.7740,
2.5879


 125.3407,
124.4227, 40.3954


 18.4841, 17.4036,
0.8862


 157.2854,
156.8025, 56.7486

 11.3999, 10.5226,
0.0000

 194.2430,
194.3626, 77.0090

 6.4057, 5.7468,
0.0000

 236.5788,
237.4874, 101.5950

 3.1363, 2.6918,
0.0000

 284.6583,

 1.2263, 0.9730,

286.5612, 130.9253

0.0000

338.8468,
341.9685, 165.4183

■ 0.1270, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9307, 54.5210,
10.5934

■ 55.9307, 54.5210,
10.5934

■ 53.9772, 51.2478,
7.9897

■ 58.2576, 58.0860,
14.7273

■ 52.3279, 48.2300,
6.5745


■ 60.9956, 61.9532,
20.5993


■ 52.2766, 48.1345,
6.5356


■ 64.1808, 66.1415,
28.3882


■ 67.8439, 70.6651,
38.2495

 72.0126, 75.5371,
50.3225

 76.7122, 80.7694,
64.7345

 81.9660, 86.3735,
81.6031

 87.7960, 92.3597,
101.0379

 91.4675, 97.6362,
108.6326

Harmonies

Analogous

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



70.8173, 54.5210, 16.5868



55.9307, 54.5210, 10.5934



42.3466, 54.5210, 12.1507

Triad

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



55.9307, 54.5210, 10.5934



30.2485, 54.5210, 93.3128



76.4716, 54.5210, 122.8378

Complementary

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



55.9307, 54.5210, 10.5934



23.6343, 18.7005, 89.5520

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.



62.6116, 54.5210, 166.6476



55.9307, 54.5210, 10.5934



36.5667, 54.5210, 144.8434

Square

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



55.9307, 54.5210, 10.5934



29.1190, 54.5210, 48.6144



47.9169, 54.5210, 176.1569



84.0227, 54.5210, 71.5920

Rectangle

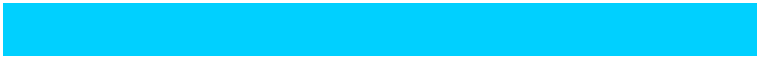
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9307, 54.5210, 10.5934



35.6351, 54.5210, 17.8344



47.9169, 54.5210, 176.1569



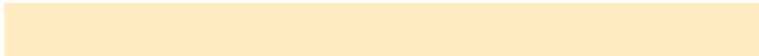
72.2872, 54.5210, 139.7414

Sweetspot

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



55.9319, 54.5237, 10.5944



80.9376, 85.1109, 63.0834



42.0751, 23.0458, 17.5804



16.9396, 17.7870, 12.3308



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.



55.9319, 54.5237, 10.5944



57.3797, 53.4501, 7.5856



60.1288, 79.8528, 15.2623



17.4542, 18.3926, 17.4278



28.0342, 25.9539, 3.5320



2.5552, 2.4637, 0.3409

Inverse Universe

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



23.6343, 18.7005, 89.5520



21.5360, 14.0024, 96.1754



21.6073, 10.9109, 88.1553



16.0019, 16.7680, 20.9357



10.3884, 6.5705, 47.2587



1.0008, 0.7530, 4.1828

Previews

White Background



This preview shows how the XYZ color 55.9307, 54.5210, 10.5934 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 55.9307, 54.5210, 10.5934 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 55.9307, 54.5210, 10.5934

Background



This preview shows how black text looks on a background with the XYZ color 55.9307, 54.5210, 10.5934.



This preview shows how white text looks on a background with the XYZ color 55.9307, 54.5210,

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

55.9307, 54.5210, 10.5934

Protanopia

49.5959, 54.7970, 11.3310

Deuteranopia

55.5809, 54.3407, 10.5770



Tritanopia

64.6795, 54.5031, 53.5655

Trichromacy



Original Color

55.9307, 54.5210, 10.5934

Protanomaly

51.7826, 54.6052, 11.0594

Deuteranomaly

55.5809, 54.3407, 10.5770

Tritanomaly

60.0212, 53.7597, 30.8801

Monochromacy



Original Color

55.9307, 54.5210, 10.5934

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6523, 50.9309, 31.3112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9307, 54.5210, 10.5934 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(246, 185, 50)` looks like.

```
.text, #text, p{  
    color:rgb(246, 185, 50)  
}
```

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(246, 185, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 185, 50) }
```

Border

The CSS property to change the border of an element to XYZ 55.9307, 54.5210, 10.5934 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(246, 185, 50) }
```


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

```
.border{ border-color:rgb(246, 185, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 185, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 185, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 185, 50);  
box-shadow:4px 4px 4px 4px rgb(246, 185,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9307, 54.5210, 10.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 185, 50) }
```

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

```
.background{ background-color: rgb(246,  
185, 50) }
```

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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