

Converting Colors

XYZ(54.5071, 51.6259, 11.9500)

Have a look what the booklet for
XYZ(54.5071, 51.6259, 11.9500)
contains.

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Color

**XYZ(54.5020, 51.6234,
11.9422)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B240
RGB	245, 178, 64
RGB Percent	96%, 70%, 25%
CMY	0.0392, 0.3019, 0.7490
CMYK	0.00, 0.27, 0.74, 0.04
HSL	38°, 90%, 61%
HSV	38°, 74%, 96%
XYZ	54.5020, 51.6234, 11.9422
YIQ	185.0370, 76.5260, -21.2500

Conversions

Conversions Part 2

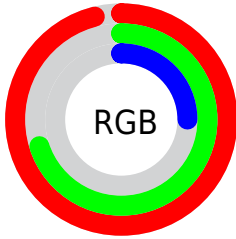
Format	Color
R _Y B	170, 245, 64
Decimal	16101952
CIE Lab	77.06, 14.30, 64.70
CIE LCh	77, 66.265, 77.542
Yxy	51.6234, 0.4616, 0.4372
Android (android.graphics.Color)	4294292032 (0xFFFF5B240)
YUV	185.0370, -59.6712, 52.5876
Hunter-Lab	71.8494, 9.6662, 40.4399

Details

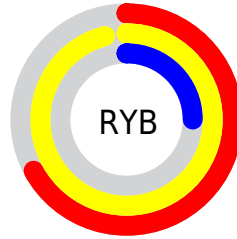
The XYZ color **54.5020, 51.6234, 11.9422** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **26.7117, 23.9142, 89.5937**, and the grayscale version is **46.4278, 48.8457, 53.1929**.

A 20% lighter version of the original color is **73.9328, 81.4136, 28.9573**, and **27.2280, 25.1121, 3.4120** is the 20% darker color. If you saturate the color by 10%, you get **52.2071, 47.9152, 8.4604**, and if you desaturate by 10%, it is **57.2246, 55.6977, 17.0769**.

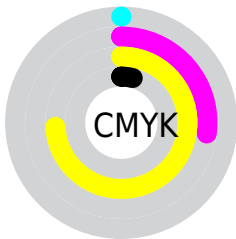
Distribution



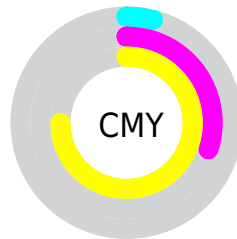
- Red (96%)
- Green (70%)
- Blue (25%)



- Red (67%)
- Yellow (96%)
- Blue (25%)



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5020, 51.6234, 11.9422 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 54.5020, 51.6234, 11.9422 by changing the saturation by 10% instead.

54.5020, 51.6234,
11.9422

54.5020, 51.6234,
11.9422

394.1886,
392.9810, 214.9866

39.2354, 36.7050,
6.5823

95.9635, 92.5756,
30.0526

27.1245, 24.9792,
3.1278

122.8891,
119.3782, 43.6402

17.8038, 16.0615,
1.1603

154.4318,
150.9109, 60.8074

10.9080, 9.5677,
0.0000

190.9569,
187.5582, 81.9727

6.0719, 5.1133,
0.0000

232.8298,
229.7045, 107.5548

2.9299, 2.3139,
0.0000

280.4158,

1.1168, 0.7810,

277.7341, 137.9721

0.0000

334.0803,
332.0315, 173.6432

■ 0.0391, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5020, 51.6234,
11.9422

■ 54.5020, 51.6234,
11.9422

■ 52.2071, 47.9152,
8.4604

■ 57.2246, 55.6977,
17.0769


■ 50.2905, 44.5434,
6.3992


■ 60.4090, 60.1491,
24.0498


■ 49.2639, 42.6283,
5.6316


■ 64.0894, 64.9968,
33.0244


■ 68.2952, 70.2559,
44.1451

 73.0532, 75.9404,
57.5430

 78.3881, 82.0635,
73.3384

 84.3230, 88.6374,
91.6433

 90.0636, 95.3476,
108.2648

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



67.3818, 51.6234, 18.8929



54.5020, 51.6234, 11.9422



42.0958, 51.6234, 12.5205

Triad

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



54.5020, 51.6234, 11.9422



29.3396, 51.6234, 79.9219



69.2836, 51.6234, 117.5512

Complementary

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



54.5020, 51.6234, 11.9422



26.7117, 23.9142, 89.5937

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.



56.7671, 51.6234, 152.2027



54.5020, 51.6234, 11.9422



34.4129, 51.6234, 124.8395

Square

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



54.5020, 51.6234, 11.9422



28.9452, 51.6234, 42.4831



44.0050, 51.6234, 155.3296



76.8491, 51.6234, 72.6126

Rectangle

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



54.5020, 51.6234, 11.9422



35.6899, 51.6234, 17.0964



44.0050, 51.6234, 155.3296



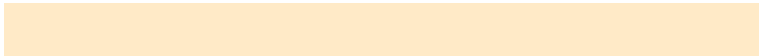
65.4265, 51.6234, 131.4922

Sweetspot

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



54.5032, 51.6260, 11.9432



81.0271, 84.3587, 65.9842



43.7499, 24.7837, 24.8079



17.0202, 17.6790, 13.1875



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.



54.5032, 51.6260, 11.9432



56.0127, 50.4692, 7.8911



64.2820, 81.5033, 17.1947



17.3691, 18.2223, 17.3994



26.6766, 23.2387, 3.0795



2.4427, 2.2387, 0.3034

Inverse Universe

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



26.7117, 23.9142, 89.5937



24.3302, 19.0674, 97.0058



22.0721, 12.1966, 87.5765



16.0835, 16.9313, 20.9629



11.0009, 7.7956, 47.4629



1.0617, 0.8749, 4.2031

Previews

White Background



This preview shows how the XYZ color 54.5020, 51.6234, 11.9422 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 54.5020, 51.6234, 11.9422 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 54.5020, 51.6234, 11.9422

Background



This preview shows how black text looks on a background with the XYZ color 54.5020, 51.6234, 11.9422.



This preview shows how white text looks on a background with the XYZ color 54.5020, 51.6234,

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

54.5020, 51.6234, 11.9422

Protanopia

47.1148, 51.8251, 12.9889

Deuteranopia

52.6810, 51.5838, 11.8827



Tritanopia

62.1003, 51.5876, 49.3322

Trichromacy



Original Color

54.5020, 51.6234, 11.9422

Protanomaly

49.6234, 51.5306, 12.6412

Deuteranomaly

53.4941, 51.7022, 11.8627

Tritanomaly

58.1452, 51.0717, 30.4601

Monochromacy



Original Color

54.5020, 51.6234, 11.9422

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.2678, 48.6444, 32.0973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5020, 51.6234, 11.9422 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(245, 178, 64)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 64)  
}
```

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(245, 178, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 64) }
```

Border

The CSS property to change the border of an element to XYZ 54.5020, 51.6234, 11.9422 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(245, 178, 64) }
```


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

```
.border{ border-color:rgb(245, 178, 64) }
```

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

Here you see how a box with a 4 pixel rgb(245, 178, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 64);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5020, 51.6234, 11.9422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 64) }
```

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

```
.background{ background-color: rgb(245,  
178, 64) }
```

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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