

Converting Colors

XYZ(52.0355, 54.0848, 11.1875)

Have a look what the booklet for
XYZ(52.0355, 54.0848, 11.1875)
contains.

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Color

**XYZ(52.0343, 54.0822,
11.1864)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BE36
RGB	231, 190, 54
RGB Percent	91%, 75%, 21%
CMY	0.0941, 0.2549, 0.7882
CMYK	0.00, 0.18, 0.77, 0.09
HSL	46°, 79%, 56%
HSV	46°, 77%, 91%
XYZ	52.0343, 54.0822, 11.1864
YIQ	186.7550, 68.0920, -33.6040

Conversions

Conversions Part 2

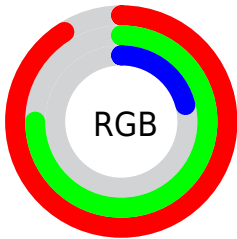
Format	Color
RYB	107, 231, 54
Decimal	15187510
CIELab	78.51, 1.66, 69.28
CIELCh	79, 69.296, 88.628
Yxy	54.0822, 0.4436, 0.4610
Android (android.graphics.Color)	4293377590 (0xFFE7BE36)
YUV	186.7550, -65.4482, 38.8029
Hunter-Lab	73.5406, -2.3968, 42.4597

Details

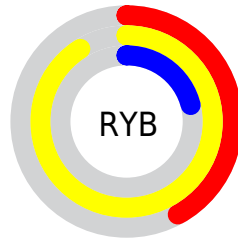
The XYZ color **52.0343, 54.0822, 11.1864** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **20.0373, 14.7379, 77.3893**, and the grayscale version is **47.4277, 49.8976, 54.3385**.

A 20% lighter version of the original color is **77.0650, 88.3192, 28.0245**, and **25.7402, 26.5492, 3.7679** is the 20% darker color. If you saturate the color by 10%, you get **50.4779, 51.6415, 8.5971**, and if you desaturate by 10%, it is **53.8931, 56.7162, 15.1474**.

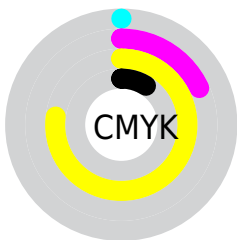
Distribution



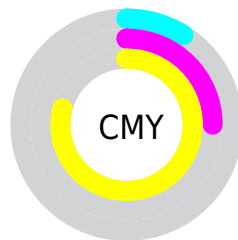
- Red (91%)
- Green (75%)
- Blue (21%)



- Red (42%)
- Yellow (91%)
- Blue (21%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0343, 54.0822, 11.1864 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 52.0343, 54.0822, 11.1864 by changing the saturation by 10% instead.


 52.0343, 54.0822,
11.1864


 52.0343, 54.0822,
11.1864


384.8908,
402.4234, 209.7251

 37.2568, 38.6674,
6.0766


 92.3557, 96.1949,
28.6462

 25.5810, 26.5011,
2.8222


 118.6304,
123.6616, 41.8334


 16.6415, 17.1989,
1.0046


 149.4682,
155.9144, 58.5500

 10.0729, 10.3764,
0.0000

 185.2344,
193.3377, 79.2147

 5.5100, 5.6492,
0.0000

 226.2944,
236.3158, 104.2461

 2.5873, 2.6330,
0.0000

273.0135,

 0.9395, 0.9433,

285.2332, 134.0625

0.0000

325.7572,
340.4743, 169.0827

■ 0.0000, 0.0000,
0.0000

■ 52.0343, 54.0822,
11.1864

■ 52.0343, 54.0822,
11.1864

■ 50.4779, 51.6415,
8.5971

■ 53.8931, 56.7162,
15.1474

■ 49.1790, 49.3690,
7.1613

■ 56.0832, 59.5494,
20.6469

■ 48.7755, 48.6304,
6.8159

■ 58.6339, 62.5963,
27.8310

■ 61.5700, 65.8675,
36.8280

■ 64.9138, 69.3727,
47.7538

■ 68.6859, 73.1207,
60.7145

■ 72.9054, 77.1198,
75.8085

■ 77.5901, 81.3778,
93.1278

■ 81.6250, 85.4493,
106.7990

Harmonies

Analogous

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



66.3050, 54.0822, 15.2139



52.0343, 54.0822, 11.1864



39.8317, 54.0822, 14.4957

Triad

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



52.0343, 54.0822, 11.1864



31.6450, 54.0822, 102.7131



77.2110, 54.0822, 107.2951

Complementary

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



52.0343, 54.0822, 11.1864



20.0373, 14.7379, 77.3893

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.



65.0240, 54.0822, 152.5071



52.0343, 54.0822, 11.1864



38.9208, 54.0822, 149.1391

Square

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



52.0343, 54.0822, 11.1864



29.3857, 54.0822, 57.1054



50.7778, 54.0822, 170.4477



82.3407, 54.0822, 60.7039

Rectangle

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



52.0343, 54.0822, 11.1864



34.1240, 54.0822, 21.8805



50.7778, 54.0822, 170.4477



73.7088, 54.0822, 123.8063

Sweetspot

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



52.0355, 54.0848, 11.1875



82.8224, 88.4188, 65.1350



36.3535, 20.4593, 12.9319



17.3745, 18.5686, 12.7478



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.



52.0355, 54.0848, 11.1875



62.1786, 62.9294, 9.5501



48.9611, 67.5835, 13.9550



15.3038, 16.2214, 15.2289



27.4432, 27.4606, 3.8540



2.0970, 2.1672, 0.3078

Inverse Universe

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



20.0373, 14.7379, 77.3893



20.8448, 12.3692, 95.8966



21.1327, 11.1867, 76.6462



13.8524, 14.4261, 18.1988



8.8910, 4.8441, 42.8496



0.7267, 0.4974, 3.1897

Previews

White Background



This preview shows how the XYZ color 52.0343, 54.0822, 11.1864 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 52.0343, 54.0822, 11.1864 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 52.0343, 54.0822, 11.1864

Background



This preview shows how black text looks on a background with the XYZ color 52.0343, 54.0822, 11.1864.



This preview shows how white text looks on a background with the XYZ color 52.0343, 54.0822, 11.1864.

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

52.0343, 54.0822, 11.1864

Protanopia

49.1181, 54.2115, 11.4895

Deuteranopia

55.3710, 54.2165, 11.2879



Tritanopia

61.4017, 53.9066, 56.4590

Trichromacy



Original Color

52.0343, 54.0822, 11.1864

Protanomaly

50.1910, 54.1037, 11.4121

Deuteranomaly

54.0565, 54.1672, 11.2207

Tritanomaly

56.4607, 53.3835, 32.5275

Monochromacy



Original Color

52.0343, 54.0822, 11.1864

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2720, 50.5270, 31.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0343, 54.0822, 11.1864 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(231, 190, 54)` looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 54)  
}
```

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(231, 190, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 54) }
```

Border

The CSS property to change the border of an element to XYZ 52.0343, 54.0822, 11.1864 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(231, 190, 54) }
```


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

```
.border{ border-color:rgb(231, 190, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 190, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 190, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 190, 54);  
box-shadow:4px 4px 4px 4px rgb(231, 190,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0343, 54.0822, 11.1864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 190, 54) }
```

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

```
.background{ background-color: rgb(231,  
190, 54) }
```

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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