

Converting Colors

XYZ(53.6243, 54.1600, 14.9302)

Have a look what the booklet for
XYZ(53.6243, 54.1600, 14.9302)
contains.

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Color

**XYZ(53.6555, 54.1931,
15.0295)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBC4F
RGB	235, 188, 79
RGB Percent	92%, 74%, 31%
CMY	0.0784, 0.2627, 0.6902
CMYK	0.00, 0.20, 0.66, 0.08
HSL	42°, 80%, 62%
HSV	42°, 66%, 92%
XYZ	53.6555, 54.1931, 15.0295
YIQ	189.6270, 63.0010, -23.9350

Conversions

Conversions Part 2

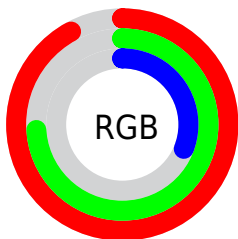
Format	Color
RYB	146, 235, 79
Decimal	15449167
CIELab	78.57, 5.59, 59.70
CIElCh	79, 59.958, 84.654
Yxy	54.1931, 0.4367, 0.4410
Android (android.graphics.Color)	4293639247 (0xFFEBBC4F)
YUV	189.6270, -54.5391, 39.7921
Hunter-Lab	73.6160, 1.2730, 39.4265

Details

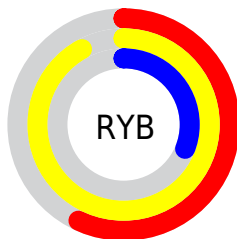
The XYZ color **53.6555, 54.1931, 15.0295** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **25.6805, 22.5814, 81.6021**, and the grayscale version is **49.0085, 51.5608, 56.1497**.

A 20% lighter version of the original color is **77.8243, 87.6548, 35.0076**, and **26.4785, 26.4960, 4.4281** is the 20% darker color. If you saturate the color by 10%, you get **51.4715, 50.9608, 10.8016**, and if you desaturate by 10%, it is **56.2184, 57.6999, 20.8758**.

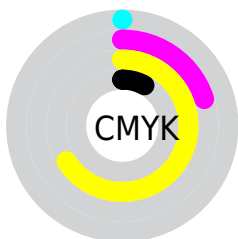
Distribution



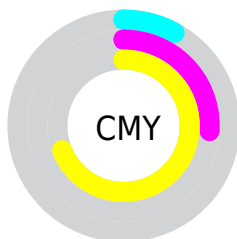
- Red (92%)
- Green (74%)
- Blue (31%)



- Red (57%)
- Yellow (92%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (66%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6555, 54.1931, 15.0295 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 53.6555, 54.1931, 15.0295 by changing the saturation by 10% instead.


 53.6555, 54.1931,
15.0295


 53.6555, 54.1931,
15.0295


391.0148,
402.8459, 235.1916

 38.5559, 38.7561,
8.6932


 94.7281, 96.3577,
35.6480

 26.5936, 26.5700,
4.4476


 121.4318,
123.8541, 50.7672


 17.4032, 17.2506,
1.8740


 152.7342,
156.1390, 69.6513

 10.6195, 10.4133,
0.4761

 189.0007,
193.5969, 92.7186

 5.8770, 5.6738,
0.0000

 230.5967,
236.6121, 120.3878

 2.8104, 2.6478,
0.0000

277.8874,

 1.0543, 0.9507,

285.5691, 153.0773

0.0000

331.2384,
340.8523, 191.2057

■ 0.0000, 0.0000,
0.0000

■ 53.6555, 54.1931,
15.0295

■ 53.6555, 54.1931,
15.0295

■ 51.4715, 50.9608,
10.8016

■ 56.2184, 57.6999,
20.8758

■ 49.6282, 47.9796,
8.0120

■ 59.1861, 61.4870,
28.4885

■ 48.0837, 45.2333,
6.4408

■ 62.5863, 65.5689,
38.0023

■ 47.5733, 44.2871,
6.0409

■ 66.4427, 69.9569,
49.5379

■ 70.7774, 74.6613,
63.2060

■ 75.6106, 79.6918,
79.1092

■ 80.9615, 85.0575,
97.3434

■ 84.8546, 89.9696,
107.5013

■ 87.0333, 94.3271,
108.2275

Harmonies

Analogous

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



65.8080, 54.1931, 20.2453



53.6555, 54.1931, 15.0295



42.5977, 54.1931, 17.4163

Triad

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



53.6555, 54.1931, 15.0295



33.4907, 54.1931, 90.5379



72.3611, 54.1931, 105.2418

Complementary

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



53.6555, 54.1931, 15.0295



25.6805, 22.5814, 81.6021

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.



61.5835, 54.1931, 140.1382



53.6555, 54.1931, 15.0295



39.4474, 54.1931, 129.6184

Square

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



53.6555, 54.1931, 15.0295



32.0316, 54.1931, 53.1483



49.4204, 54.1931, 150.4394



77.6142, 54.1931, 65.2814

Rectangle

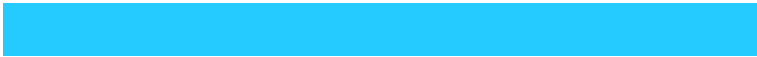
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.6555, 54.1931, 15.0295



37.1292, 54.1931, 23.7589



49.4204, 54.1931, 150.4394



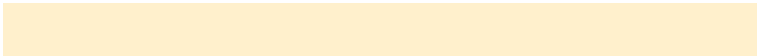
69.1913, 54.1931, 118.4791

Sweetspot

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



53.6568, 54.1957, 15.0306



83.1922, 87.7259, 69.6748



40.9798, 24.8237, 23.1927



17.4917, 18.4351, 13.9212



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.



53.6568, 54.1957, 15.0306



61.0283, 59.8806, 11.4735



56.6845, 73.1602, 18.5315



15.9467, 16.8164, 15.9241



26.5939, 24.8821, 3.4011



2.1719, 2.1212, 0.2950

Inverse Universe

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



25.6805, 22.5814, 81.6021



25.2597, 19.6127, 97.0620



23.9277, 14.7539, 80.1836



14.6011, 15.2887, 19.1037



9.6901, 6.0272, 44.3956



0.8426, 0.6366, 3.5133

Previews

White Background



This preview shows how the XYZ color 53.6555, 54.1931, 15.0295 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 53.6555, 54.1931, 15.0295 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 53.6555, 54.1931, 15.0295

Background



This preview shows how black text looks on a background with the XYZ color 53.6555, 54.1931, 15.0295.



This preview shows how white text looks on a background with the XYZ color 53.6555, 54.1931,

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

53.6555, 54.1931, 15.0295

Protanopia

49.6156, 54.3760, 15.6652

Deuteranopia

55.4149, 54.1544, 15.1216



Tritanopia

61.7817, 53.8231, 55.8478

Trichromacy



Original Color

53.6555, 54.1931, 15.0295

Protanomaly

51.0381, 54.1258, 15.3467

Deuteranomaly

54.6035, 54.0477, 15.1438

Tritanomaly

57.7615, 53.3698, 36.1112

Monochromacy



Original Color

53.6555, 54.1931, 15.0295

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.1562, 51.7190, 36.2461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6555, 54.1931, 15.0295 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(235, 188, 79)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 79)  
}
```

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(235, 188, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 79) }
```

Border

The CSS property to change the border of an element to XYZ 53.6555, 54.1931, 15.0295 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(235, 188, 79) }
```


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

```
.border{ border-color:rgb(235, 188, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 79);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6555, 54.1931, 15.0295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 79) }
```

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

```
.background{ background-color: rgb(235,  
188, 79) }
```

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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