

Converting Colors

XYZ(58.1539, 54.5018, 9.3745)

Have a look what the booklet for
XYZ(58.1539, 54.5018, 9.3745)
contains.

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Color

**XYZ(58.1301, 54.4542,
9.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB527
RGB	255, 181, 39
RGB Percent	100%, 71%, 15%
CMY	0.0000, 0.2902, 0.8470
CMYK	0.00, 0.29, 0.85, 0.00
HSL	39°, 100%, 58%
HSV	39°, 85%, 100%
XYZ	58.1301, 54.4542, 9.3664
YIQ	186.9380, 89.6860, -28.4740

Conversions

Conversions Part 2

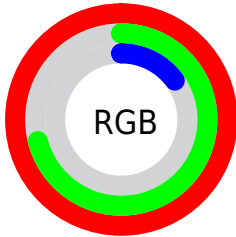
Format	Color
RYB	152, 255, 39
Decimal	16758055
CIELab	78.73, 16.11, 75.03
CIELCh	79, 76.743, 77.879
Yxy	54.4542, 0.4767, 0.4465
Android (android.graphics.Color)	4294948135 (0xFFFFB527)
YUV	186.9380, -72.9334, 59.6904
Hunter-Lab	73.7931, 11.4745, 44.1296

Details

The XYZ color **58.1301, 54.4542, 9.3664** 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 **24.7919, 19.4615, 97.0569**, and the grayscale version is **47.5638, 50.0408, 54.4945**.

A 20% lighter version of the original color is **73.7763, 82.7292, 23.8843**, and **29.7115, 26.7758, 3.6023** is the 20% darker color. If you saturate the color by 10%, you get **56.1199, 50.8987, 7.2647**, and if you desaturate by 10%, it is **60.5373, 58.3512, 12.9987**.

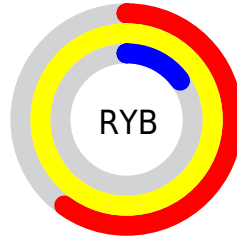
Distribution



Red (100%)

Green (71%)

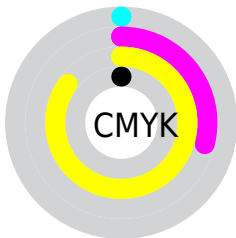
Blue (15%)



Red (60%)

Yellow (100%)

Blue (15%)

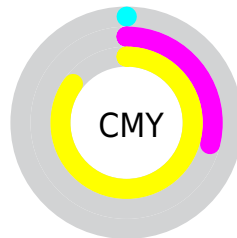


Cyan (0%)

Magenta (29%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1301, 54.4542, 9.3664 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 58.1301, 54.4542, 9.3664 by changing the saturation by 10% instead.


 58.1301, 54.4542,
9.3664

 58.1301, 54.4542,
9.3664


407.6166,
403.8397, 196.4058


 42.1569, 38.9649,
4.8809


 101.2342, 96.7408,
25.1857

 29.4158, 26.7324,
2.1200


 129.0958,
124.3069, 37.3565


 19.5415, 17.3724,
0.6276

 161.6509,
156.6674, 52.9261

 12.1685, 10.5003,
0.0000

 199.2649,
194.2067, 72.3131

 6.9316, 5.7319,
0.0000

 242.3031,
237.3092, 95.9361

 3.4653, 2.6828,
0.0000

 291.1308,

 1.4043, 0.9685,

286.3592, 124.2134

0.0000

346.1136,
341.7413, 157.5638

■ 0.2593, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1301, 54.4542,
9.3664

■ 58.1301, 54.4542,
9.3664

■ 56.1199, 50.8987,
7.2647


■ 60.5373, 58.3512,
12.9987

■ 55.1768, 49.1340,
6.5757


■ 63.3890, 62.6051,
18.4174


■ 66.7280, 67.2385,
25.8343

■ 70.5907, 72.2687,
35.4305

 75.0092, 77.7116,
47.3668

 80.0127, 83.5817,
61.7886

 85.6284, 89.8927,
78.8293

 91.8814, 96.6574,
98.6129

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



73.9022, 54.4542, 16.3932



58.1301, 54.4542, 9.3664



43.3042, 54.4542, 10.0159

Triad

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



58.1301, 54.4542, 9.3664



28.6542, 54.4542, 88.8318



76.5623, 54.4542, 134.8727

Complementary

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



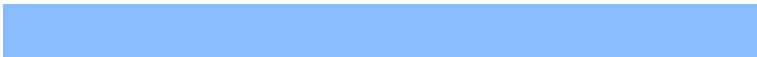
58.1301, 54.4542, 9.3664



24.7919, 19.4615, 97.0569

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.



61.2440, 54.4542, 179.7127



58.1301, 54.4542, 9.3664



34.5470, 54.4542, 145.4049

Square

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



58.1301, 54.4542, 9.3664



28.1456, 54.4542, 43.4159



45.8678, 54.4542, 184.3028



85.8557, 54.4542, 78.6300

Rectangle

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



58.1301, 54.4542, 9.3664



35.8263, 54.4542, 14.7628



45.8678, 54.4542, 184.3028



71.8238, 54.4542, 152.7569

Sweetspot

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



58.1313, 54.4569, 9.3674



79.8561, 83.4018, 61.3239



45.0372, 23.9400, 18.3476



16.7029, 17.4003, 11.9846



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.



58.1313, 54.4569, 9.3674



55.1772, 49.1343, 6.5757



66.4345, 87.2906, 15.2673



19.0066, 19.9813, 18.9994



28.9756, 25.9625, 3.4841



2.9229, 2.7313, 0.3731

Inverse Universe

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



24.7919, 19.4615, 97.0569



21.4870, 14.0940, 96.1957



21.4040, 10.0264, 95.4143



17.5117, 18.3950, 22.8776



11.3516, 7.6128, 50.3057



1.2022, 0.9350, 4.9304

Previews

White Background



This preview shows how the XYZ color 58.1301, 54.4542, 9.3664 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 58.1301, 54.4542, 9.3664 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 58.1301, 54.4542, 9.3664

Background



This preview shows how black text looks on a background with the XYZ color 58.1301, 54.4542, 9.3664.



This preview shows how white text looks on a background with the XYZ color 58.1301, 54.4542,

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

58.1301, 54.4542, 9.3664

Protanopia

49.6912, 54.8699, 10.2574

Deuteranopia

55.6889, 54.4243, 9.3201



Tritanopia

64.7308, 54.5660, 51.9204

Trichromacy



Original Color

58.1301, 54.4542, 9.3664

Protanomaly

52.6530, 54.7524, 9.9836

Deuteranomaly

56.5573, 54.5607, 9.3841

Tritanomaly

60.8621, 53.9494, 28.6782

Monochromacy



Original Color

58.1301, 54.4542, 9.3664

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.7340, 50.3884, 29.3477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1301, 54.4542, 9.3664 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(255, 181, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 39)  
}
```

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(255, 181, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 39) }
```

Border

The CSS property to change the border of an element to XYZ 58.1301, 54.4542, 9.3664 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(255, 181, 39) }
```


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

```
.border{ border-color:rgb(255, 181, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1301, 54.4542, 9.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 39) }
```

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

```
.background{ background-color: rgb(255,  
181, 39) }
```

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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