

Converting Colors

XYZ(59.0545, 54.9284, 11.5234)

Have a look what the booklet for
XYZ(59.0545, 54.9284, 11.5234)
contains.

XYZ(58.5276, 54.6132, 11.4597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5276, 54.6132,
11.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB53A
RGB	255, 181, 58
RGB Percent	100%, 71%, 23%
CMY	0.0000, 0.2902, 0.7725
CMYK	0.00, 0.29, 0.77, 0.00
HSL	37°, 100%, 61%
HSV	37°, 77%, 100%
XYZ	58.5276, 54.6132, 11.4597
YIQ	189.1040, 83.5870, -22.5650

Conversions

Conversions Part 2

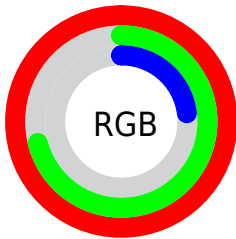
Format	Color
RYB	177, 255, 58
Decimal	16758074
CIELab	78.82, 16.68, 69.05
CIElCh	79, 71.038, 76.418
Yxy	54.6132, 0.4697, 0.4383
Android (android.graphics.Color)	4294948154 (0xFFFFB53A)
YUV	189.1040, -64.6343, 57.7908
Hunter-Lab	73.9007, 12.0414, 42.5365

Details

The XYZ color **58.5276, 54.6132, 11.4597** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **28.0459, 24.6213, 97.8813**, and the grayscale version is **48.7557, 51.2947, 55.8600**.

A 20% lighter version of the original color is **74.5614, 83.0433, 28.0187**, and **29.7115, 26.7758, 3.6023** is the 20% darker color. If you saturate the color by 10%, you get **56.1514, 50.6551, 8.2206**, and if you desaturate by 10%, it is **61.3610, 58.9730, 16.4350**.

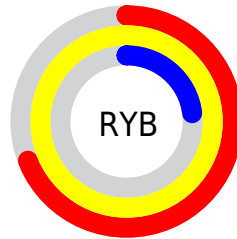
Distribution



Red (100%)

Green (71%)

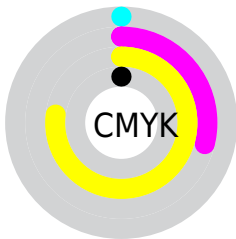
Blue (23%)



Red (69%)

Yellow (100%)

Blue (23%)

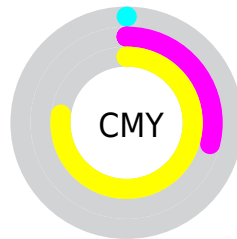


Cyan (0%)

Magenta (29%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5276, 54.6132, 11.4597 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 58.5276, 54.6132, 11.4597 by changing the saturation by 10% instead.

58.5276, 54.6132,
11.4597

58.5276, 54.6132,
11.4597

409.0713,
404.4440, 211.6442

42.4779, 39.0921,
6.2589

101.8093, 96.9740,
29.1567

29.6684, 26.8314,
2.9318

129.7720,
124.5825, 42.4899

19.7338, 17.4466,
1.0599

162.4364,
156.9890, 59.3711

12.3089, 10.5534,
0.0000

200.1679,
194.5777, 80.2187

7.0281, 5.7674,
0.0000

243.3317,
237.7332, 105.4512

3.5262, 2.7042,
0.0000

292.2933,

1.4377, 0.9793,

286.8399, 135.4873

0.0000

347.4181,
342.2820, 170.7454

■ 0.2829, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5276, 54.6132,
11.4597

■ 58.5276, 54.6132,
11.4597

■ 56.1514, 50.6551,
8.2206

■ 61.3610, 58.9730,
16.4350

■ 54.1722, 47.0634,
6.4301

■ 64.6923, 63.7481,
23.3642

■ 53.6757, 46.1319,
6.0753

■ 68.5607, 68.9604,
32.4363

■ 73.0000, 74.6275,
43.8167

■ 78.0407, 80.7653,
57.6546

■ 83.7110, 87.3889,
74.0865

■ 90.0369, 94.5123,
93.2387

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.



72.8934, 54.6132, 19.1320



58.5276, 54.6132, 11.4597



44.6276, 54.6132, 11.7942

Triad

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



58.5276, 54.6132, 11.4597



30.0329, 54.6132, 84.1756



74.0877, 54.6132, 130.5128

Complementary

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



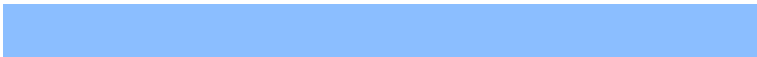
58.5276, 54.6132, 11.4597



28.0459, 24.6213, 97.8813

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.



59.9405, 54.6132, 169.1222



58.5276, 54.6132, 11.4597



35.3949, 54.6132, 135.1482

Square

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



58.5276, 54.6132, 11.4597



29.7928, 54.6132, 43.0547



45.8077, 54.6132, 171.1233



82.9141, 54.6132, 79.5896

Rectangle

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



58.5276, 54.6132, 11.4597



37.4403, 54.6132, 16.3549



45.8077, 54.6132, 171.1233



69.6924, 54.6132, 146.1994

Sweetspot

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



58.5288, 54.6159, 11.4607



80.3743, 83.5227, 64.3190



47.0226, 25.9943, 24.9179



16.7777, 17.3749, 12.5488



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.



58.5288, 54.6159, 11.4607



54.9706, 48.5484, 7.0394



69.8077, 88.9836, 17.4999



18.9544, 19.8769, 18.9820



28.1952, 24.4015, 3.2239



2.8504, 2.5861, 0.3489

Inverse Universe

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



28.0459, 24.6213, 97.8813



23.5465, 17.8469, 96.8115



22.9554, 11.9953, 95.7125



17.5620, 18.4956, 22.8943



11.7382, 8.3860, 50.4346



1.2438, 1.0183, 4.9443

Previews

White Background



This preview shows how the XYZ color 58.5276, 54.6132, 11.4597 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 58.5276, 54.6132, 11.4597 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 58.5276, 54.6132, 11.4597

Background



This preview shows how black text looks on a background with the XYZ color 58.5276, 54.6132, 11.4597.



This preview shows how white text looks on a background with the XYZ color 58.5276, 54.6132,

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

58.5276, 54.6132, 11.4597

Protanopia

49.8228, 54.8877, 12.5259

Deuteranopia

55.9289, 54.8158, 11.3741



Tritanopia

64.8353, 54.6078, 52.4706

Trichromacy



Original Color

58.5276, 54.6132, 11.4597

Protanomaly

52.7518, 54.7543, 12.2032

Deuteranomaly

56.9459, 54.7161, 11.4308

Tritanomaly

61.3528, 54.1456, 31.2623

Monochromacy



Original Color

58.5276, 54.6132, 11.4597

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8072, 51.1870, 32.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5276, 54.6132, 11.4597 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, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 58)  
}
```

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, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 58) }
```

Border

The CSS property to change the border of an element to XYZ 58.5276, 54.6132, 11.4597 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, 58) }
```


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

```
.border{ border-color:rgb(255, 181, 58) }
```

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, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5276, 54.6132, 11.4597 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, 58) }
```

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

```
.background{ background-color: rgb(255,  
181, 58) }
```

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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