

Converting Colors

XYZ(54.8029, 47.3577, 9.6207)

Have a look what the booklet for
XYZ(54.8029, 47.3577, 9.6207)
contains.

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Color

**XYZ(54.8029, 47.3577,
9.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA235
RGB	255, 162, 53
RGB Percent	100%, 64%, 21%
CMY	0.0000, 0.3647, 0.7921
CMYK	0.00, 0.36, 0.79, 0.00
HSL	32°, 100%, 60%
HSV	32°, 79%, 100%
XYZ	54.8029, 47.3577, 9.6207
YIQ	177.3810, 90.4170, -14.1830

Conversions

Conversions Part 2

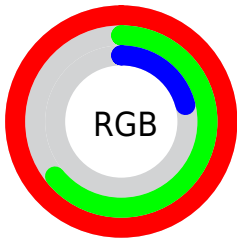
Format	Color
R _Y B	225, 255, 53
Decimal	16753205
CIE Lab	74.42, 26.43, 66.81
CIE LCh	74, 71.849, 68.421
Yxy	47.3577, 0.4903, 0.4237
Android (android.graphics.Color)	4294943285 (0xFFFFA235)
YUV	177.3810, -61.3198, 68.0719
Hunter-Lab	68.8169, 21.7202, 39.8830

Details

The XYZ color **54.8029, 47.3577, 9.6207** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **29.7965, 28.5333, 98.5440**, and the grayscale version is **42.2712, 44.4726, 48.4306**.

A 20% lighter version of the original color is **68.7596, 71.9684, 24.4546**, and **27.5682, 22.4893, 2.8879** is the 20% darker color. If you saturate the color by 10%, you get **52.3925, 43.2397, 6.6524**, and if you desaturate by 10%, it is **57.7201, 51.9914, 14.2960**.

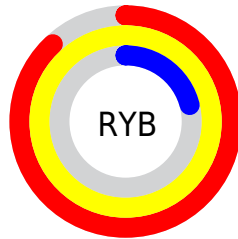
Distribution



Red (100%)

Green (64%)

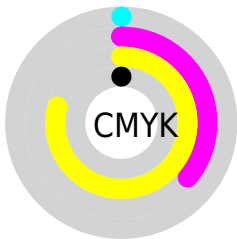
Blue (21%)



Red (88%)

Yellow (100%)

Blue (21%)

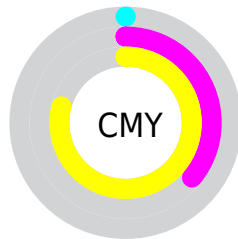


Cyan (0%)

Magenta (36%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8029, 47.3577, 9.6207 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 54.8029, 47.3577, 9.6207 by changing the saturation by 10% instead.


 54.8029, 47.3577,
9.6207


 54.8029, 47.3577,
9.6207


395.3129,
376.2405, 198.3285

 39.4772, 33.3185,
5.0459


 96.4021, 86.2473,
25.6762


 27.3135, 22.3706,
2.2150


 123.4063,
111.8665, 37.9939


 17.9466, 14.1294,
0.6830


 155.0340,
142.1146, 53.7297

 11.0111, 8.2107,
0.0000

 191.6506,
177.3758, 73.3021

 6.1417, 4.2301,
0.0000

 233.6215,
218.0346, 97.1296

 2.9729, 1.8031,
0.0000

 281.3119,

 1.1394, 0.4891,

264.4754, 125.6309

0.0000

335.0873,
317.0826, 159.2243

■ 0.0577, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8029, 47.3577,
9.6207

■ 54.8029, 47.3577,
9.6207

■ 52.3925, 43.2397,
6.6524

■ 57.7201, 51.9914,
14.2960

■ 50.4152, 39.5933,
5.0426

■ 61.1893, 57.1610,
20.9058

■ 50.2717, 39.3240,
4.9407

■ 65.2531, 62.8931,
29.6452

■ 69.9481, 69.2100,
40.6841

■ 75.3076, 76.1323,
54.1753

■ 81.3621, 83.6792,
70.2581

■ 88.1402, 91.8690,
89.0615

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



67.4690, 47.3577, 18.7369



54.8029, 47.3577, 9.6207



41.4640, 47.3577, 8.3050

Triad

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



54.8029, 47.3577, 9.6207



24.6038, 47.3577, 62.7256



62.3224, 47.3577, 130.0209

Complementary

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



54.8029, 47.3577, 9.6207



29.7965, 28.5333, 98.5440

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.



48.7570, 47.3577, 159.1341



54.8029, 47.3577, 9.6207



28.1894, 47.3577, 109.7714

Square

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



54.8029, 47.3577, 9.6207



25.6042, 47.3577, 29.5362



36.4629, 47.3577, 150.3379



72.3573, 47.3577, 82.4826

Rectangle

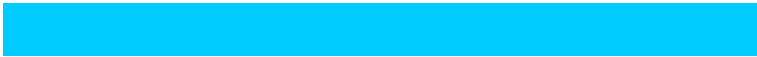
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8029, 47.3577, 9.6207



34.1729, 47.3577, 10.8431



36.4629, 47.3577, 150.3379



57.9305, 47.3577, 143.1185

Sweetspot

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



54.8040, 47.3601, 9.6216



78.3766, 79.9889, 62.2298



47.8005, 25.9214, 30.1982



16.3226, 16.5530, 12.1252



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.



54.8040, 47.3601, 9.6216



51.2052, 41.0767, 5.6022



75.2081, 91.7816, 17.1204



18.8214, 19.6110, 18.9376



26.4195, 20.8501, 2.6320



2.6817, 2.2488, 0.2927

Inverse Universe

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



29.7965, 28.5333, 98.5440



25.4543, 21.7877, 97.4716



21.1708, 10.7190, 95.5601



17.6921, 18.7558, 22.9377



12.9249, 10.7594, 50.8301



1.3663, 1.2632, 4.9851

Previews

White Background



This preview shows how the XYZ color 54.8029, 47.3577, 9.6207 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 54.8029, 47.3577, 9.6207 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 54.8029, 47.3577, 9.6207

Background



This preview shows how black text looks on a background with the XYZ color 54.8029, 47.3577, 9.6207.



This preview shows how white text looks on a background with the XYZ color 54.8029, 47.3577, 9.6207.

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

54.8029, 47.3577, 9.6207

Protanopia

43.1067, 47.5759, 11.0488

Deuteranopia

48.6245, 47.4744, 9.3970



Tritanopia

59.7529, 47.4193, 41.6008

Trichromacy



Original Color

54.8029, 47.3577, 9.6207

Protanomaly

46.6953, 47.0341, 10.4883

Deuteranomaly

50.8856, 47.5050, 9.5050

Tritanomaly

57.1050, 47.1690, 25.1635

Monochromacy



Original Color

54.8029, 47.3577, 9.6207

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.0942, 44.1501, 28.0276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8029, 47.3577, 9.6207 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, 162, 53)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 53)  
}
```

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, 162, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 53) }
```

Border

The CSS property to change the border of an element to XYZ 54.8029, 47.3577, 9.6207 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, 162, 53) }
```


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

```
.border{ border-color:rgb(255, 162, 53) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 53);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8029, 47.3577, 9.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 53) }
```

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

```
.background{ background-color: rgb(255,  
162, 53) }
```

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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