

Converting Colors

XYZ(54.6615, 48.4794, 7.6504)

Have a look what the booklet for
XYZ(54.6615, 48.4794, 7.6504)
contains.

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Color

**XYZ(54.7310, 48.4320,
7.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA61D
RGB	254, 166, 29
RGB Percent	100%, 65%, 11%
CMY	0.0039, 0.3490, 0.8862
CMYK	0.00, 0.35, 0.89, 0.00
HSL	37°, 99%, 55%
HSV	37°, 89%, 100%
XYZ	54.7310, 48.4320, 7.6261
YIQ	176.6940, 96.4250, -23.9510

Conversions

Conversions Part 2

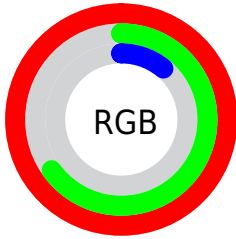
Format	Color
RYB	174, 254, 29
Decimal	16688669
CIELab	75.10, 23.32, 74.62
CIELCh	75, 78.180, 72.647
Yxy	48.4320, 0.4940, 0.4372
Android (android.graphics.Color)	4294878749 (0xFFFEA61D)
YUV	176.6940, -72.8131, 67.7974
Hunter-Lab	69.5931, 18.5921, 42.2181

Details

The XYZ color **54.7310, 48.4320, 7.6261** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **24.7573, 20.1394, 96.3474**, and the grayscale version is **41.9655, 44.1509, 48.0804**.

A 20% lighter version of the original color is **68.9848, 73.7282, 20.4926**, and **27.5032, 23.1110, 3.0113** is the 20% darker color. If you saturate the color by 10%, you get **52.7933, 44.8802, 5.9838**, and if you desaturate by 10%, it is **57.0619, 52.3683, 10.6410**.

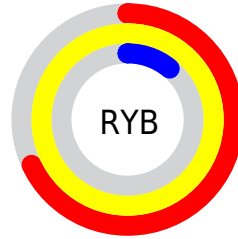
Distribution



Red (100%)

Green (65%)

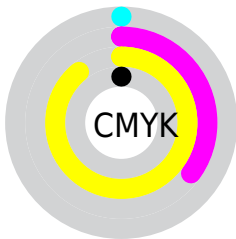
Blue (11%)



Red (68%)

Yellow (100%)

Blue (11%)

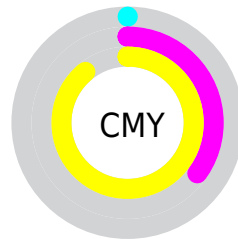


Cyan (0%)

Magenta (35%)

Yellow (89%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7310, 48.4320, 7.6261 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 54.7310, 48.4320, 7.6261 by changing the saturation by 10% instead.


 54.7310, 48.4320,
7.6261

 54.7310, 48.4320,
7.6261


395.0445,
380.5019, 182.5929

 39.4194, 34.1691,
3.7723


 96.2973, 87.8473,
21.7561

 27.2683, 23.0236,
1.5013


 123.2828,
113.7684, 32.8693

 17.9125, 14.6109,
0.2189


 154.8902,
144.3445, 47.2395

 10.9865, 8.5468,
0.0000

 191.4849,
179.9598, 65.2851

 6.1250, 4.4468,
0.0000

 233.4324,
220.9989, 87.4247

 2.9626, 1.9265,
0.0000

 281.0979,

 1.1340, 0.5642,

267.8459, 114.0769

0.0000

334.8468,
320.8855, 145.6601

■ 0.0533, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7310, 48.4320,
7.6261

■ 54.7310, 48.4320,
7.6261

■ 52.7933, 44.8802,
5.9838


■ 57.0619, 52.3683,
10.6410

■ 52.5380, 44.4012,
5.8012


■ 59.8460, 56.7120,
15.3445


■ 63.1298, 61.4882,
21.9617

■ 66.9520, 66.7171,
30.6824

 71.3468, 72.4168,
41.6731

 76.3451, 78.6039,
55.0836

 81.9755, 85.2941,
71.0506

 88.2642, 92.5019,
89.7007

94.6826, 99.8106,
108.8828

Harmonies

Analogous

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



69.3646, 48.4320, 15.3530



54.7310, 48.4320, 7.6261



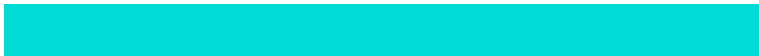
40.2718, 48.4320, 7.1742

Triad

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



54.7310, 48.4320, 7.6261



24.0786, 48.4320, 71.9223



67.2870, 48.4320, 134.4519

Complementary

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



54.7310, 48.4320, 7.6261



24.7573, 20.1394, 96.3474

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.



52.3194, 48.4320, 172.9320



54.7310, 48.4320, 7.6261



28.6257, 48.4320, 126.0968

Square

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



54.7310, 48.4320, 7.6261



24.4600, 48.4320, 32.5612



38.3094, 48.4320, 169.2637



77.5816, 48.4320, 79.8814

Rectangle

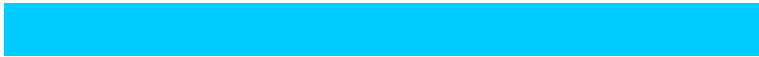
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7310, 48.4320, 7.6261



32.7362, 48.4320, 10.3358



38.3094, 48.4320, 169.2637



62.5165, 48.4320, 150.7140

Sweetspot

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



54.7321, 48.4345, 7.6270



77.8825, 80.3388, 57.9401



44.6422, 23.2817, 19.5950



16.2791, 16.7216, 11.3223



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.



54.7321, 48.4345, 7.6270



53.0067, 44.7935, 5.8522



68.7799, 88.0439, 14.5320



18.9300, 19.8281, 18.9738



27.8467, 23.7046, 3.1078



2.8177, 2.5207, 0.3380

Inverse Universe

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



24.7573, 20.1394, 96.3474



22.5811, 16.2822, 96.5604



19.7197, 8.7518, 94.4149



17.5856, 18.5429, 22.9022



11.9338, 8.7771, 50.4998



1.2645, 1.0597, 4.9512

Previews

White Background



This preview shows how the XYZ color 54.7310, 48.4320, 7.6261 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 54.7310, 48.4320, 7.6261 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 54.7310, 48.4320, 7.6261

Background



This preview shows how black text looks on a background with the XYZ color 54.7310, 48.4320, 7.6261.



This preview shows how white text looks on a background with the XYZ color 54.7310, 48.4320,

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

54.7310, 48.4320, 7.6261

Protanopia

44.1568, 48.7945, 8.6811

Deuteranopia

49.5833, 48.5936, 7.4280



Tritanopia

60.5347, 48.5409, 43.2246

Trichromacy



Original Color

54.7310, 48.4320, 7.6261

Protanomaly

47.4460, 48.3576, 8.2721

Deuteranomaly

51.1828, 48.2677, 7.4296

Tritanomaly

57.1958, 48.0341, 23.0866

Monochromacy



Original Color

54.7310, 48.4320, 7.6261

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.6956, 44.2963, 24.9859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7310, 48.4320, 7.6261 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(254, 166, 29)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 29)  
}
```

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(254, 166, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 29) }
```

Border

The CSS property to change the border of an element to XYZ 54.7310, 48.4320, 7.6261 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(254, 166, 29) }
```


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

```
.border{ border-color:rgb(254, 166, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 29);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7310, 48.4320, 7.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 29) }
```

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

```
.background{ background-color: rgb(254,  
166, 29) }
```

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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