

Converting Colors

XYZ(71.2527, 51.6329, 9.7063)

Have a look what the booklet for
XYZ(71.2527, 51.6329, 9.7063)
contains.

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Color

**XYZ(52.0313, 41.7771,
8.8115)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9136
RGB	255, 145, 54
RGB Percent	100%, 57%, 21%
CMY	0.0000, 0.4313, 0.7882
CMYK	0.00, 0.43, 0.79, 0.00
HSL	27°, 100%, 61%
HSV	27°, 79%, 100%
XYZ	52.0313, 41.7771, 8.8115
YIQ	167.5160, 94.7710, -4.9810

Conversions

Conversions Part 2

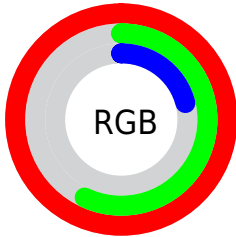
Format	Color
R_{YB}	255, 220, 54
Decimal	16748854
CIE _{Lab}	70.72, 35.24, 63.00
CIE _{LCh}	71, 72.190, 60.780
Yxy	41.7771, 0.5070, 0.4071
Android (android.graphics.Color)	4294938934 (0xFFFF9136)
YUV	167.5160, -55.9634, 76.7235
Hunter-Lab	64.6352, 30.5808, 37.1618

Details

The XYZ color **52.0313, 41.7771, 8.8115** 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 **32.8460, 34.5535, 99.5456**, and the grayscale version is **37.2163, 39.1544, 42.6392**.

A 20% lighter version of the original color is **64.5481, 63.6301, 22.7897**, and **25.6526, 19.0352, 2.3221** is the 20% darker color. If you saturate the color by 10%, you get **49.5789, 37.5930, 5.7735**, and if you desaturate by 10%, it is **55.0610, 46.6149, 13.5891**.

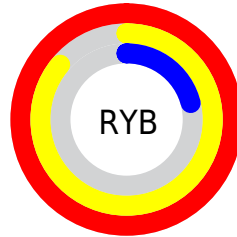
Distribution



Red (100%)

Green (57%)

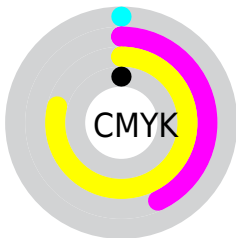
Blue (21%)



Red (100%)

Yellow (86%)

Blue (21%)

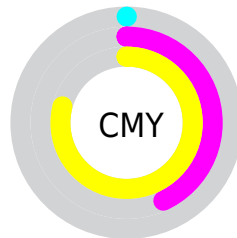


Cyan (0%)

Magenta (43%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0313, 41.7771, 8.8115 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 52.0313, 41.7771, 8.8115 by changing the saturation by 10% instead.


 52.0313, 41.7771,
8.8115


 52.0313, 41.7771,
8.8115


384.8794,
353.5581, 192.1314

 37.2544, 28.9268,
4.5233


 92.3514, 77.8622,
24.1065


 25.5791, 19.0255,
1.9166


 118.6252,
101.8657, 35.9504


 16.6401, 11.6887,
0.5033


 149.4621,
130.3558, 51.1500

 10.0719, 6.5321,
0.0000

 185.2274,
163.7168, 70.1237

 5.5093, 3.1712,
0.0000

 226.2864,
202.3332, 93.2902

 2.5869, 1.2218,
0.0000

 273.0045,

 0.9393, 0.0794,

246.5892, 121.0679

0.0000

325.7470,
296.8694, 153.8755

■ 0.0000, 0.0000,
0.0000

■ 52.0313, 41.7771,
8.8115

■ 52.0313, 41.7771,
8.8115

■ 49.5789, 37.5930,
5.7735

■ 55.0610, 46.6149,
13.5891

■ 47.6290, 34.0120,
4.1409

■ 58.7173, 52.1349,
20.3338

■ 47.4225, 33.6254,
3.9909

■ 63.0458, 58.3710,
29.2404

■ 68.0867, 65.3521,
40.4795

■ 73.8763, 73.1055,
54.2042

80.4484, 81.6566,
70.5546

87.8343, 91.0296,
89.6601

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



62.9352, 41.7771, 19.4150



52.0313, 41.7771, 8.8115



39.3957, 41.7771, 6.2936

Triad

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



52.0313, 41.7771, 8.8115



20.8598, 41.7771, 46.3906



52.6833, 41.7771, 128.8264

Complementary

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



52.0313, 41.7771, 8.8115



32.8460, 34.5535, 99.5456

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.



40.0217, 41.7771, 148.2986



52.0313, 41.7771, 8.8115



23.0401, 41.7771, 88.2238

Square

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



52.0313, 41.7771, 8.8115



22.8231, 41.7771, 20.3086



29.5023, 41.7771, 130.6293



63.3617, 41.7771, 85.8308

Rectangle

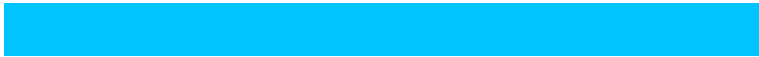
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0313, 41.7771, 8.8115



32.0922, 41.7771, 7.5093



29.5023, 41.7771, 130.6293



48.4421, 41.7771, 139.0861

Sweetspot

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



52.0322, 41.7793, 8.8122



76.9463, 77.1283, 61.7530



49.3098, 26.5988, 37.9186



15.9804, 15.8686, 12.0111



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.



52.0322, 41.7793, 8.8122



48.3238, 35.3139, 4.6417



74.5429, 86.8006, 16.3158



18.6867, 19.3416, 18.8927



24.9240, 17.8592, 2.1335



2.5342, 1.9537, 0.2435

Inverse Universe

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



32.8460, 34.5535, 99.5456



28.3863, 27.6517, 98.4489



21.4078, 11.6771, 95.7328



17.8269, 19.0255, 22.9827



14.4484, 13.8063, 51.3380



1.5160, 1.5627, 5.0350

Previews

White Background



This preview shows how the XYZ color 52.0313, 41.7771, 8.8115 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 52.0313, 41.7771, 8.8115 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 52.0313, 41.7771, 8.8115

Background



This preview shows how black text looks on a background with the XYZ color 52.0313, 41.7771, 8.8115.



This preview shows how white text looks on a background with the XYZ color 52.0313, 41.7771,

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

52.0313, 41.7771, 8.8115

Protanopia

38.2537, 42.0892, 10.6653

Deuteranopia

42.8817, 42.0209, 8.5401



Tritanopia

55.8179, 41.8634, 33.1555

Trichromacy



Original Color

52.0313, 41.7771, 8.8115

Protanomaly

42.2055, 41.1091, 9.8480

Deuteranomaly

45.7576, 41.6729, 8.6496

Tritanomaly

53.8021, 41.5247, 21.0990

Monochromacy



Original Color

52.0313, 41.7771, 8.8115

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.2210, 38.9533, 25.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0313, 41.7771, 8.8115 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, 145, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 54)  
}
```

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, 145, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 54) }
```

Border

The CSS property to change the border of an element to XYZ 52.0313, 41.7771, 8.8115 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, 145, 54) }
```


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

```
.border{ border-color:rgb(255, 145, 54) }
```

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

Here you see how a box with a 4 pixel rgb(255, 145, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0313, 41.7771, 8.8115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 54) }
```

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

```
.background{ background-color: rgb(255,  
145, 54) }
```

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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