

Converting Colors

XYZ(62.5913, 51.2625, 16.7831)

Have a look what the booklet for
XYZ(62.5913, 51.2625, 16.7831)
contains.

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Color

**XYZ(56.0921, 47.8734,
16.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA25C
RGB	255, 162, 92
RGB Percent	100%, 64%, 36%
CMY	0.0000, 0.3647, 0.6392
CMYK	0.00, 0.36, 0.64, 0.00
HSL	26°, 100%, 68%
HSV	26°, 64%, 100%
XYZ	56.0921, 47.8734, 16.4093
YIQ	181.8270, 77.8980, -2.0540

Conversions

Conversions Part 2

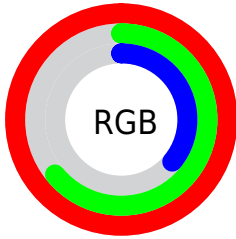
Format	Color
RYB	255, 215, 92
Decimal	16753244
CIELab	74.75, 28.25, 50.02
CIElCh	75, 57.452, 60.542
Yxy	47.8734, 0.4660, 0.3977
Android (android.graphics.Color)	4294943324 (0xFFFFA25C)
YUV	181.8270, -44.2847, 64.1727
Hunter-Lab	69.1906, 23.6245, 34.3722

Details

The XYZ color **56.0921, 47.8734, 16.4093** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **39.8114, 44.1908, 101.0386**, and the grayscale version is **44.5742, 46.8955, 51.0692**.

A 20% lighter version of the original color is **71.0869, 72.8993, 36.7099**, and **28.2420, 22.7884, 5.1006** is the 20% darker color. If you saturate the color by 10%, you get **52.7433, 42.6697, 10.6884**, and if you desaturate by 10%, it is **60.1147, 53.8250, 24.2056**.

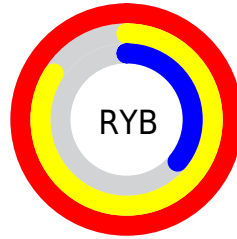
Distribution



Red (100%)

Green (64%)

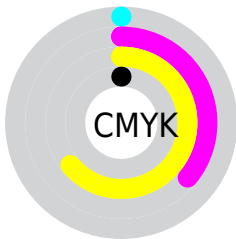
Blue (36%)



Red (100%)

Yellow (84%)

Blue (36%)

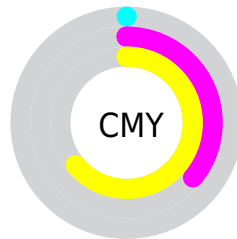


Cyan (0%)

Magenta (36%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0921, 47.8734, 16.4093 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 56.0921, 47.8734, 16.4093 by changing the saturation by 10% instead.


 56.0921, 47.8734,
16.4093


 56.0921, 47.8734,
16.4093


400.1079,
378.2901, 243.6726

 40.5141, 33.7266,
9.6568


 98.2783, 87.0159,
38.0840


 28.1256, 22.6837,
5.0694


 125.6171,
112.7804, 53.8432

 18.5613, 14.3601,
2.2286


 157.6069,
143.1863, 73.4416

 11.4558, 8.3716,
0.6908

 194.6130,
178.6179, 97.2980

 6.4438, 4.3336,
0.0000

237.0008,
219.4597, 125.8307

 3.1600, 1.8619,
0.0000

285.1357,

 1.2389, 0.5253,

266.0961, 159.4584

0.0000

339.3829,
318.9114, 198.5995

■ 0.1368, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0921, 47.8734,
16.4093

■ 56.0921, 47.8734,
16.4093

■ 52.7433, 42.6697,
10.6884

■ 60.1147, 53.8250,
24.2056

■ 50.0154, 38.1707,
6.8296

■ 64.8512, 60.5498,
34.2566

■ 47.8509, 34.3384,
4.5769

■ 70.3420, 68.0807,
46.7248

■ 46.7639, 32.3082,
3.7714

■ 76.6231, 76.4461,
61.7570

83.7282, 85.6729,
79.4882

91.6885, 95.7867,
100.0436

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.



65.0475, 47.8734, 28.0517



56.0921, 47.8734, 16.4093



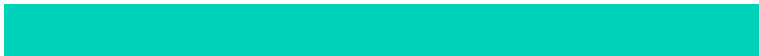
45.3127, 47.8734, 13.2091

Triad

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



56.0921, 47.8734, 16.4093



28.2533, 47.8734, 52.6714



56.4708, 47.8734, 118.8716

Complementary

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



56.0921, 47.8734, 16.4093



39.8114, 44.1908, 101.0386

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.



45.6923, 47.8734, 133.2115



56.0921, 47.8734, 16.4093



30.3261, 47.8734, 87.0910

Square

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



56.0921, 47.8734, 16.4093



30.1815, 47.8734, 28.6791



36.3369, 47.8734, 119.8157



65.2886, 47.8734, 85.7722

Rectangle

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



56.0921, 47.8734, 16.4093



38.8229, 47.8734, 14.7248



36.3369, 47.8734, 119.8157



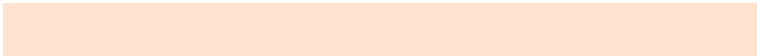
52.9068, 47.8734, 126.5069

Sweetspot

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



56.0932, 47.8758, 16.4102



80.0148, 80.8776, 70.1372



54.0457, 32.5059, 50.4865



16.6993, 16.7544, 13.9524



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.



56.0932, 47.8758, 16.4102



51.8398, 41.2110, 9.3125



74.7502, 85.1899, 22.6292



18.6509, 19.2699, 18.8808



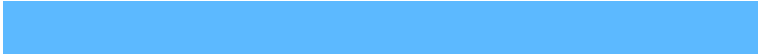
24.5766, 17.1645, 2.0177



2.4988, 1.8830, 0.2318

Inverse Universe

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



39.8114, 44.1908, 101.0386



34.3336, 37.1405, 99.9670



27.5751, 19.7181, 96.9598



17.8633, 19.0983, 22.9948



14.9119, 14.7335, 51.4925



1.5605, 1.6516, 5.0498

Previews

White Background



This preview shows how the XYZ color 56.0921, 47.8734, 16.4093 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 56.0921, 47.8734, 16.4093 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 56.0921, 47.8734, 16.4093

Background



This preview shows how black text looks on a background with the XYZ color 56.0921, 47.8734, 16.4093.



This preview shows how white text looks on a background with the XYZ color 56.0921, 47.8734,

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

56.0921, 47.8734, 16.4093

Protanopia

44.0693, 47.8976, 18.9790

Deuteranopia

49.0071, 48.1028, 16.1530



Tritanopia

60.0114, 47.7901, 42.1379

Trichromacy



Original Color

56.0921, 47.8734, 16.4093

Protanomaly

47.8072, 47.4433, 17.9470

Deuteranomaly

51.3334, 47.8685, 16.2068

Tritanomaly

58.1271, 47.5778, 30.5459

Monochromacy



Original Color

56.0921, 47.8734, 16.4093

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.0493, 46.3852, 34.9072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0921, 47.8734, 16.4093 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 92) }
```

Border

The CSS property to change the border of an element to XYZ 56.0921, 47.8734, 16.4093 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, 92) }
```


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

```
.border{ border-color:rgb(255, 162, 92) }
```

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, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0921, 47.8734, 16.4093 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, 92) }
```

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

```
.background{ background-color: rgb(255,  
162, 92) }
```

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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