

Converting Colors

XYZ(62.0559, 39.3443, 16.1251)

Have a look what the booklet for
XYZ(62.0559, 39.3443, 16.1251)
contains.

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Color

**XYZ(48.6462, 32.4689,
15.5076)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6A63
RGB	255, 106, 99
RGB Percent	100%, 42%, 39%
CMY	0.0000, 0.5843, 0.6118
CMYK	0.00, 0.58, 0.61, 0.00
HSL	3°, 100%, 69%
HSV	3°, 61%, 100%
XYZ	48.6462, 32.4689, 15.5076
YIQ	149.7530, 91.0510, 29.4110

Conversions

Conversions Part 2

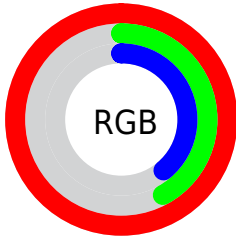
Format	Color
R _Y B	255, 106, 99
Decimal	16738915
CIE Lab	63.73, 56.29, 33.02
CIE LCh	64, 65.262, 30.392
Yxy	32.4689, 0.5035, 0.3360
Android (android.graphics.Color)	4294928995 (0xFFFF6A63)
YUV	149.7530, -25.0212, 92.3016
Hunter-Lab	56.9815, 52.6713, 23.7512

Details

The XYZ color **48.6462, 32.4689, 15.5076** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.7605, 77.0024, 106.4787**, and the grayscale version is **28.9616, 30.4698, 33.1817**.

A 20% lighter version of the original color is **59.6654, 49.3027, 35.2258**, and **23.4564, 13.6510, 4.6474** is the 20% darker color. If you saturate the color by 10%, you get **45.4504, 27.7302, 9.3478**, and if you desaturate by 10%, it is **52.9408, 38.7900, 23.9323**.

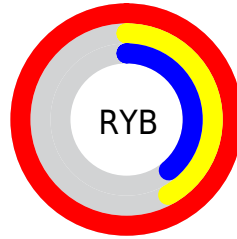
Distribution



Red (100%)

Green (42%)

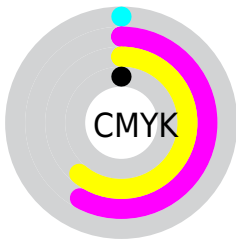
Blue (39%)



Red (100%)

Yellow (42%)

Blue (39%)

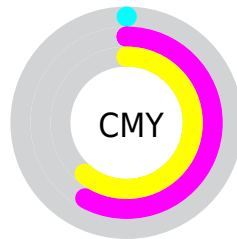


Cyan (0%)

Magenta (58%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6462, 32.4689, 15.5076 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 48.6462, 32.4689, 15.5076 by changing the saturation by 10% instead.


 48.6462, 32.4689,
15.5076


 48.6462, 32.4689,
15.5076


371.8879,
313.2497, 238.1640


 34.5523, 21.7199,
9.0258

 87.3696, 63.5455,
36.4960

 23.4831, 13.6512,
4.6610


 112.7299, 84.6418,
51.8398

 15.0733, 7.8785,
1.9945


 142.5763,
109.9561, 70.9747

 8.9575, 4.0173,
0.5519

 177.2742,
139.8726, 94.3191

 4.7703, 1.6832,
0.0000

217.1889,
174.7759, 122.2918

 2.1465, 0.4128,
0.0000

262.6859,

 0.7143, 0.0000,

215.0502, 155.3111

0.0000

314.1304,
261.0800, 193.7957

■ 0.0000, 0.0000,
0.0000

■ 48.6462, 32.4689,
15.5076

■ 48.6462, 32.4689,
15.5076

■ 45.4504, 27.7302,
9.3478

■ 52.9408, 38.7900,
23.9323

■ 43.2514, 24.4293,
5.2322

■ 58.4194, 46.8108,
34.8109

■ 41.9319, 22.4045,
2.8991

■ 65.1616, 56.6439,
48.3149

■ 41.3648, 21.5098,
1.9716

■ 73.2394, 68.3907,
64.5995

■ 82.7194, 82.1449,
83.8081

93.6636, 97.9942,
106.0743

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.



51.9919, 32.4689, 35.0094



48.6462, 32.4689, 15.5076



40.3875, 32.4689, 7.1591

Triad

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



48.6462, 32.4689, 15.5076



17.9596, 32.4689, 15.8549



30.9813, 32.4689, 113.3914

Complementary

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



48.6462, 32.4689, 15.5076



56.7605, 77.0024, 106.4787

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.



22.9638, 32.4689, 99.6875



48.6462, 32.4689, 15.5076



16.4068, 32.4689, 35.6990

Square

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



48.6462, 32.4689, 15.5076



22.7930, 32.4689, 7.2786



18.0437, 32.4689, 67.4359



40.6375, 32.4689, 99.0009

Rectangle

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



48.6462, 32.4689, 15.5076



33.8891, 32.4689, 5.3201



18.0437, 32.4689, 67.4359



28.0183, 32.4689, 111.8649

Sweetspot

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



48.6470, 32.4707, 15.5081



76.0955, 72.5374, 70.3770



62.9257, 37.0734, 94.1171



15.7263, 14.7112, 13.9282



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.



48.6470, 32.4707, 15.5081



44.9783, 27.0253, 8.4516



60.2610, 55.6988, 19.3795



18.0748, 18.1178, 18.6888



21.6420, 11.2953, 1.0396



2.1292, 1.1438, 0.1086

Inverse Universe

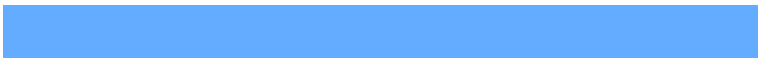
The Inverse Universe completely reimagines the original color for something new.



56.7605, 77.0024, 106.4787



53.6437, 74.7799, 106.2144



37.9102, 39.3018, 100.1953



18.4808, 20.3332, 23.2006



26.2947, 37.4989, 55.2867



2.5810, 3.6927, 5.3900

Previews

White Background



This preview shows how the XYZ color 48.6462, 32.4689, 15.5076 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 48.6462, 32.4689, 15.5076 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 48.6462, 32.4689, 15.5076

Background



This preview shows how black text looks on a background with the XYZ color 48.6462, 32.4689, 15.5076.



This preview shows how white text looks on a background with the XYZ color 48.6462, 32.4689,

15.5076.

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

48.6462, 32.4689, 15.5076

Protanopia

30.4024, 32.4424, 22.1124

Deuteranopia

33.2607, 32.6439, 14.6731



Tritanopia

49.1608, 32.5108, 18.7231

Trichromacy



Original Color

48.6462, 32.4689, 15.5076

Protanomaly

35.1590, 31.0669, 19.4727

Deuteranomaly

37.6045, 31.5983, 14.9436

Tritanomaly

48.9454, 32.4247, 17.5888

Monochromacy



Original Color

48.6462, 32.4689, 15.5076

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

33.3609, 29.3803, 25.3854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6462, 32.4689, 15.5076 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, 106, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 99)  
}
```

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, 106, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 99) }
```

Border

The CSS property to change the border of an element to XYZ 48.6462, 32.4689, 15.5076 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, 106, 99) }
```


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

```
.border{ border-color:rgb(255, 106, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6462, 32.4689, 15.5076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 99) }
```

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

```
.background{ background-color: rgb(255,  
106, 99) }
```

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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