

Converting Colors

XYZ(48.6507, 32.6781, 14.8926)

Have a look what the booklet for
XYZ(48.6507, 32.6781, 14.8926)
contains.

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Color

**XYZ(48.6090, 32.6199,
14.8006)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B60
RGB	255, 107, 96
RGB Percent	100%, 42%, 38%
CMY	0.0000, 0.5804, 0.6235
CMYK	0.00, 0.58, 0.62, 0.00
HSL	4°, 100%, 69%
HSV	4°, 62%, 100%
XYZ	48.6090, 32.6199, 14.8006
YIQ	149.9980, 91.7390, 27.9550

Conversions

Conversions Part 2

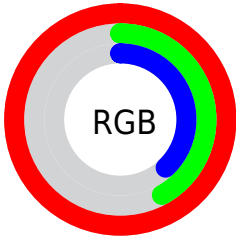
Format	Color
R_{YB}	255, 108, 96
Decimal	16739168
CIE _{Lab}	63.85, 55.66, 34.84
CIE _{LCh}	64, 65.665, 32.046
Yxy	32.6199, 0.5062, 0.3397
Android (android.graphics.Color)	4294929248 (0xFFFF6B60)
YUV	149.9980, -26.6210, 92.0868
Hunter-Lab	57.1138, 51.9703, 24.6151

Details

The XYZ color **48.6090, 32.6199, 14.8006** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.2219, 74.4029, 106.0579**, and the grayscale version is **29.0719, 30.5859, 33.3081**.

A 20% lighter version of the original color is **59.6037, 49.5610, 34.0285**, and **23.4332, 13.7094, 4.3168** is the 20% darker color. If you saturate the color by 10%, you get **45.4755, 27.9371, 8.8732**, and if you desaturate by 10%, it is **52.8037, 38.8165, 22.9599**.

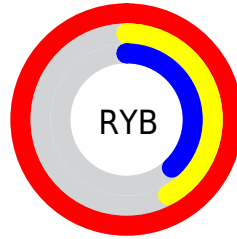
Distribution



Red (100%)

Green (42%)

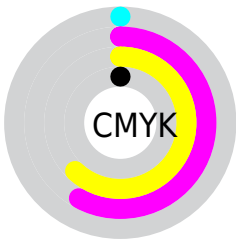
Blue (38%)



Red (100%)

Yellow (42%)

Blue (38%)

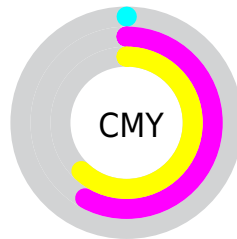


Cyan (0%)

Magenta (58%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6090, 32.6199, 14.8006 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 48.6090, 32.6199, 14.8006 by changing the saturation by 10% instead.


 48.6090, 32.6199,
14.8006


 48.6090, 32.6199,
14.8006

371.7435,
313.9335, 233.7552

 34.5227, 21.8354,
8.5345


 87.3147, 63.7816,
35.2403


 23.4602, 13.7360,
4.3462


 112.6647, 84.9277,
50.2510

 15.0562, 7.9373,
1.8171


 142.5001,
110.2964, 69.0137

 8.9454, 4.0548,
0.4392

 177.1861,
140.2722, 91.9469

 4.7624, 1.7043,
0.0000

217.0880,
175.2393, 119.4690

 2.1419, 0.4264,
0.0000

262.5714,

 0.7118, 0.0000,

215.5824, 151.9988

0.0000

314.0014,
261.6856, 189.9547

■ 0.0000, 0.0000,
0.0000

■ 48.6090, 32.6199,
14.8006

■ 48.6090, 32.6199,
14.8006

■ 45.4755, 27.9371,
8.8732

■ 52.8037, 38.8165,
22.9599

■ 43.3053, 24.6331,
4.9549

■ 58.1409, 46.6358,
33.5413

■ 41.9866, 22.5587,
2.7801

■ 64.6971, 56.1831,
46.7168

■ 41.4505, 21.6814,
2.0002

■ 72.5410, 67.5533,
62.6422

■ 81.7365, 80.8342,
81.4610

92.3431, 96.1082,
103.3067

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.



52.3342, 32.6199, 33.7340



48.6090, 32.6199, 14.8006



40.0887, 32.6199, 6.8832

Triad

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



48.6090, 32.6199, 14.8006



17.8226, 32.6199, 16.6238



31.6420, 32.6199, 114.3610

Complementary

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



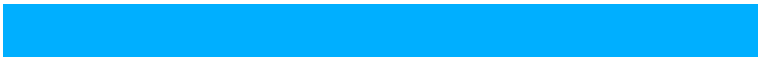
48.6090, 32.6199, 14.8006



55.2219, 74.4029, 106.0579

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.



23.4076, 32.6199, 101.9779



48.6090, 32.6199, 14.8006



16.4366, 32.6199, 37.3628

Square

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



48.6090, 32.6199, 14.8006



22.5096, 32.6199, 7.5088



18.2642, 32.6199, 69.8828



41.4051, 32.6199, 98.3568

Rectangle

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



48.6090, 32.6199, 14.8006



33.5253, 32.6199, 5.2172



18.2642, 32.6199, 69.8828



28.6129, 32.6199, 113.3684

Sweetspot

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



48.6098, 32.6217, 14.8011



75.4705, 71.7890, 68.6224



61.8126, 36.1817, 89.6322



15.6168, 14.5894, 13.5916



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.



48.6098, 32.6217, 14.8011



44.8116, 26.9338, 7.6502



60.9311, 57.2644, 18.9083



18.1103, 18.1888, 18.7006



21.6958, 11.4029, 1.0575



2.1460, 1.1774, 0.1142

Inverse Universe

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



55.2219, 74.4029, 106.0579



51.8285, 71.6625, 105.7083



36.3110, 36.5811, 99.7543



18.4409, 20.2534, 23.1873



25.3537, 35.6169, 54.9731



2.4996, 3.5299, 5.3629

Previews

White Background



This preview shows how the XYZ color 48.6090, 32.6199, 14.8006 looks on a white background.

Color Contrast Check

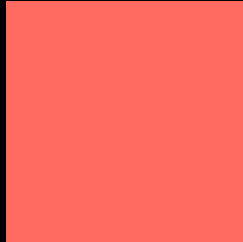
Large Text (above 18pt) WCAG AA × Fail

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 48.6090, 32.6199, 14.8006 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 48.6090, 32.6199, 14.8006

Background



This preview shows how black text looks on a background with the XYZ color 48.6090, 32.6199, 14.8006.



This preview shows how white text looks on a background with the XYZ color 48.6090, 32.6199,

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

48.6090, 32.6199, 14.8006

Protanopia

30.5417, 32.7875, 20.9386

Deuteranopia

33.3793, 32.7199, 14.0075



Tritanopia

49.2162, 32.5330, 19.0148

Trichromacy



Original Color

48.6090, 32.6199, 14.8006

Protanomaly

35.0840, 31.2654, 18.3731

Deuteranomaly

37.7599, 31.6939, 14.2526

Tritanomaly

48.9956, 32.6087, 17.3474

Monochromacy



Original Color

48.6090, 32.6199, 14.8006

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

33.2934, 29.3533, 25.0301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6090, 32.6199, 14.8006 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, 107, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 96)  
}
```

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, 107, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 96) }
```

Border

The CSS property to change the border of an element to XYZ 48.6090, 32.6199, 14.8006 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, 107, 96) }
```


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

```
.border{ border-color:rgb(255, 107, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6090, 32.6199, 14.8006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 96) }
```

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

```
.background{ background-color: rgb(255,  
107, 96) }
```

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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