

Converting Colors

XYZ(48.4374, 32.3134, 14.6300)

Have a look what the booklet for
XYZ(48.4374, 32.3134, 14.6300)
contains.

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Color

**XYZ(48.5054, 32.4126,
14.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6A60
RGB	255, 106, 96
RGB Percent	100%, 42%, 38%
CMY	0.0000, 0.5843, 0.6235
CMYK	0.00, 0.58, 0.62, 0.00
HSL	4°, 100%, 69%
HSV	4°, 62%, 100%
XYZ	48.5054, 32.4126, 14.7661
YIQ	149.4110, 92.0140, 28.4780

Conversions

Conversions Part 2

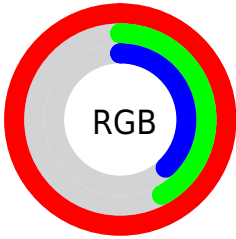
Format	Color
R_{YB}	255, 107, 96
Decimal	16738912
CIE Lab	63.68, 56.11, 34.63
CIE LCh	64, 65.932, 31.684
Yxy	32.4126, 0.5069, 0.3387
Android (android.graphics.Color)	4294928992 (0xFFFF6A60)
YUV	149.4110, -26.3316, 92.6016
Hunter-Lab	56.9321, 52.4486, 24.4748

Details

The XYZ color **48.5054, 32.4126, 14.7661** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.5238, 75.0065, 106.1586**, and the grayscale version is **28.8219, 30.3229, 33.0216**.

A 20% lighter version of the original color is **59.4268, 49.2072, 33.9696**, and **23.3909, 13.6248, 4.3027** is the 20% darker color. If you saturate the color by 10%, you get **45.3871, 27.7603, 8.8437**, and if you desaturate by 10%, it is **52.6917, 38.5924, 22.9226**.

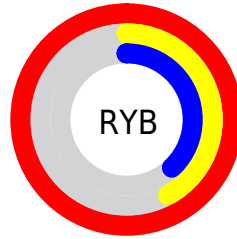
Distribution



Red (100%)

Green (42%)

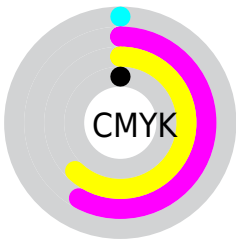
Blue (38%)



Red (100%)

Yellow (42%)

Blue (38%)

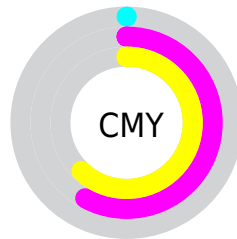


Cyan (0%)

Magenta (58%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5054, 32.4126, 14.7661 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 48.5054, 32.4126, 14.7661 by changing the saturation by 10% instead.


 48.5054, 32.4126,
14.7661


 48.5054, 32.4126,
14.7661


371.3413,
312.9945, 233.5379

 34.4402, 21.6768,
8.5106


 87.1616, 63.4574,
35.1788

 23.3965, 13.6196,
4.3309


 112.4833, 84.5351,
50.1731

 15.0088, 7.8566,
1.8086


 142.2878,
109.8291, 68.9174

 8.9119, 4.0033,
0.4336

 176.9406,
139.7235, 91.8302

 4.7404, 1.6754,
0.0000

216.8070,
174.6029, 119.3302

 2.1290, 0.4077,
0.0000

262.2523,

 0.7049, 0.0000,

214.8516, 151.8357

0.0000

313.6420,
260.8540, 189.7654

■ 0.0000, 0.0000,
0.0000

■ 48.5054, 32.4126,
14.7661

■ 48.5054, 32.4126,
14.7661

■ 45.3871, 27.7603,
8.8437

■ 52.6917, 38.5924,
22.9226

■ 43.2376, 24.4977,
4.9324

■ 58.0288, 46.4114,
33.5040

■ 41.9430, 22.4713,
2.7655

■ 64.5940, 55.9768,
46.6826

■ 41.4259, 21.6320,
1.9920

■ 72.4571, 67.3854,
62.6144

■ 81.6829, 80.7269,
81.4433

92.3316, 96.0850,
103.3031

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.



52.1619, 32.4126, 33.8200



48.5054, 32.4126, 14.7661



40.0124, 32.4126, 6.7976

Triad

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



48.5054, 32.4126, 14.7661



17.6792, 32.4126, 16.2603



31.3314, 32.4126, 114.3411

Complementary

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



48.5054, 32.4126, 14.7661



55.5238, 75.0065, 106.1586

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.



23.1346, 32.4126, 101.5830



48.5054, 32.4126, 14.7661



16.2583, 32.4126, 36.8058

Square

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



48.5054, 32.4126, 14.7661



22.3967, 32.4126, 7.3077



18.0416, 32.4126, 69.2715



41.0968, 32.4126, 98.5922

Rectangle

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



48.5054, 32.4126, 14.7661



33.4453, 32.4126, 5.1107



18.0416, 32.4126, 69.2715



28.3116, 32.4126, 113.2229

Sweetspot

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



48.5062, 32.4144, 14.7666



75.3954, 71.6387, 68.5973



62.2190, 36.3443, 91.7717



15.5991, 14.5540, 13.5857



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.



48.5062, 32.4144, 14.7666



44.7282, 26.7670, 7.6224



60.3777, 56.1575, 18.7238



18.1011, 18.1704, 18.6975



21.6807, 11.3727, 1.0524



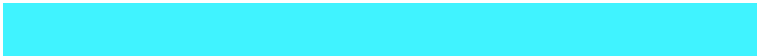
2.1417, 1.1687, 0.1127

Inverse Universe

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



55.5238, 75.0065, 106.1586



52.1873, 72.3801, 105.8279



36.7937, 37.5464, 99.9153



18.4512, 20.2740, 23.1907



25.5941, 36.0978, 55.0532



2.5204, 3.5716, 5.3698

Previews

White Background



This preview shows how the XYZ color 48.5054, 32.4126, 14.7661 looks on a white background.

Color Contrast Check

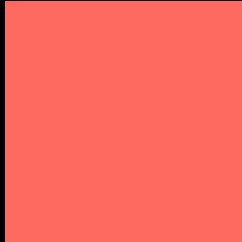
Large Text (above 18pt) WCAG AA × Fail

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 48.5054, 32.4126, 14.7661 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 48.5054, 32.4126, 14.7661

Background



This preview shows how black text looks on a background with the XYZ color 48.5054, 32.4126, 14.7661.



This preview shows how white text looks on a background with the XYZ color 48.5054, 32.4126,

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

48.5054, 32.4126, 14.7661

Protanopia

30.3760, 32.4560, 20.8833

Deuteranopia

32.9759, 32.2801, 13.9439



Tritanopia

49.1608, 32.5108, 18.7231

Trichromacy



Original Color

48.5054, 32.4126, 14.7661

Protanomaly

34.9411, 30.9798, 18.3255

Deuteranomaly

37.3344, 31.2723, 14.1936

Tritanomaly

48.8931, 32.4038, 17.3133

Monochromacy



Original Color

48.5054, 32.4126, 14.7661

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

33.1558, 29.0781, 24.9842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5054, 32.4126, 14.7661 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 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, 106, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 96) }
```

Border

The CSS property to change the border of an element to XYZ 48.5054, 32.4126, 14.7661 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, 96) }
```


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

```
.border{ border-color:rgb(255, 106, 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, 106, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5054, 32.4126, 14.7661 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, 96) }
```

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

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