

Converting Colors

XYZ(71.1328, 46.8395, 16.8061)

Have a look what the booklet for
XYZ(71.1328, 46.8395, 16.8061)
contains.

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Color

**XYZ(50.5276, 36.3078,
15.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B62
RGB	255, 123, 98
RGB Percent	100%, 48%, 38%
CMY	0.0000, 0.5176, 0.6157
CMYK	0.00, 0.52, 0.62, 0.00
HSL	10°, 100%, 69%
HSV	10°, 62%, 100%
XYZ	50.5276, 36.3078, 15.9003
YIQ	159.6180, 86.6970, 20.2090

Conversions

Conversions Part 2

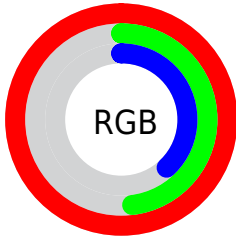
Format	Color
R _Y B	255, 128, 98
Decimal	16743266
CIE Lab	66.75, 48.34, 37.36
CIE LCh	67, 61.096, 37.698
Yxy	36.3078, 0.4918, 0.3534
Android (android.graphics.Color)	4294933346 (0xFFFF7B62)
YUV	159.6180, -30.3777, 83.6500
Hunter-Lab	60.2560, 44.2332, 26.5338

Details

The XYZ color **50.5276, 36.3078, 15.9003** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.3817, 66.4061, 104.7168**, and the grayscale version is **33.3464, 35.0830, 38.2054**.

A 20% lighter version of the original color is **62.5852, 55.2707, 35.8035**, and **24.7180, 15.8327, 4.8852** is the 20% darker color. If you saturate the color by 10%, you get **47.1352, 31.1528, 9.7458**, and if you desaturate by 10%, it is **54.8875, 42.7846, 24.2692**.

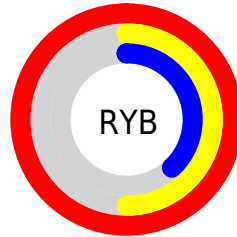
Distribution



Red (100%)

Green (48%)

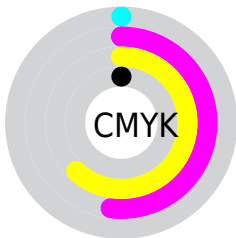
Blue (38%)



Red (100%)

Yellow (50%)

Blue (38%)

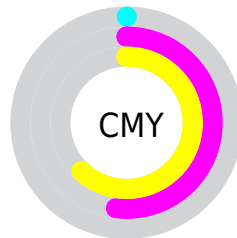


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (52%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5276, 36.3078, 15.9003 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 50.5276, 36.3078, 15.9003 by changing the saturation by 10% instead.


 50.5276, 36.3078,
15.9003


 50.5276, 36.3078,
15.9003

379.1436,
330.3039, 240.5783


 36.0523, 24.6720,
9.3000


 90.1433, 69.5069,
37.1894


 24.6449, 15.8329,
4.8379


 116.0143, 91.8390,
52.7153

 15.9400, 9.4060,
2.0954


 146.4147,
118.5053, 72.0536

 9.5723, 5.0069,
0.6130


 181.7097,
149.8902, 95.6227

 5.1764, 2.2513,
0.0000

222.2648,
186.3781, 123.8411

 2.3869, 0.7478,
0.0000

268.4452,

 0.8386, 0.0000,

228.3534, 157.1275

0.0000

320.6164,
276.2006, 195.9004

■ 0.0000, 0.0000,
0.0000

■ 50.5276, 36.3078,
15.9003

■ 50.5276, 36.3078,
15.9003

■ 47.1352, 31.1528,
9.7458

■ 54.8875, 42.7846,
24.2692

■ 44.6312, 27.2218,
5.5915

■ 60.2800, 50.6605,
35.0356

■ 42.9281, 24.4124,
3.1836

■ 66.7677, 60.0134,
48.3657

■ 42.0196, 22.8194,
2.1899

■ 74.4072, 70.9140,
64.4103

■ 83.2513, 83.4283,
83.3085

93.3493, 97.6185,
105.1898

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.



55.2336, 36.3078, 33.1133



50.5276, 36.3078, 15.9003



41.6857, 36.3078, 8.7037

Triad

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



50.5276, 36.3078, 15.9003



20.5660, 36.3078, 23.2229



36.9396, 36.3078, 114.2361

Complementary

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



50.5276, 36.3078, 15.9003



51.3817, 66.4061, 104.7168

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.



28.2081, 36.3078, 107.5907



50.5276, 36.3078, 15.9003



19.7508, 36.3078, 46.7331

Square

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



50.5276, 36.3078, 15.9003



24.7622, 36.3078, 11.4270



22.2944, 36.3078, 79.4285



46.5281, 36.3078, 94.8680

Rectangle

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



50.5276, 36.3078, 15.9003



35.2267, 36.3078, 7.4042



22.2944, 36.3078, 79.4285



33.8020, 36.3078, 115.0834

Sweetspot

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



50.5285, 36.3098, 15.9009



77.4223, 75.1910, 70.8193



60.0950, 35.7905, 79.6756



16.0428, 15.3441, 14.0337



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.



50.5285, 36.3098, 15.9009



46.4477, 30.0879, 8.5602



64.1103, 63.4735, 20.4282



18.2430, 18.4541, 18.7448



22.0249, 12.0610, 1.1672



2.2083, 1.3021, 0.1349

Inverse Universe

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



51.3817, 66.4061, 104.7168



47.2269, 62.2085, 104.1261



34.4702, 32.5830, 99.0796



18.2940, 19.9596, 23.1383



22.1392, 29.1880, 53.9016



2.2187, 2.9682, 5.2692

Previews

White Background



This preview shows how the XYZ color 50.5276, 36.3078, 15.9003 looks on a white background.

Color Contrast Check

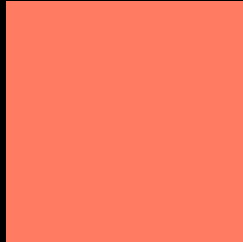
Large Text (above 18pt) WCAG AA × Fail

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 50.5276, 36.3078, 15.9003 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 50.5276, 36.3078, 15.9003

Background



This preview shows how black text looks on a background with the XYZ color 50.5276, 36.3078, 15.9003.



This preview shows how white text looks on a background with the XYZ color 50.5276, 36.3078,

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

50.5276, 36.3078, 15.9003

Protanopia

33.9823, 36.6167, 20.8995

Deuteranopia

37.2063, 36.3575, 15.1819



Tritanopia

51.8528, 36.2515, 24.6864

Trichromacy



Original Color

50.5276, 36.3078, 15.9003

Protanomaly

38.4735, 35.2417, 18.9619

Deuteranomaly

41.0563, 35.5131, 15.2805

Tritanomaly

51.2883, 36.2191, 21.1174

Monochromacy



Original Color

50.5276, 36.3078, 15.9003

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.4548, 34.2757, 28.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5276, 36.3078, 15.9003 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, 123, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 98)  
}
```

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, 123, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 98) }
```

Border

The CSS property to change the border of an element to XYZ 50.5276, 36.3078, 15.9003 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, 123, 98) }
```


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

```
.border{ border-color:rgb(255, 123, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 123, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5276, 36.3078, 15.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 98) }
```

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

```
.background{ background-color: rgb(255,  
123, 98) }
```

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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