

Converting Colors

XYZ(50.4041, 36.0609, 15.8591)

Have a look what the booklet for
XYZ(50.4041, 36.0609, 15.8591)
contains.

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Color

**XYZ(50.4041, 36.0609,
15.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A62
RGB	255, 122, 98
RGB Percent	100%, 48%, 38%
CMY	0.0000, 0.5215, 0.6157
CMYK	0.00, 0.52, 0.62, 0.00
HSL	9°, 100%, 69%
HSV	9°, 62%, 100%
XYZ	50.4041, 36.0609, 15.8591
YIQ	159.0310, 86.9720, 20.7320

Conversions

Conversions Part 2

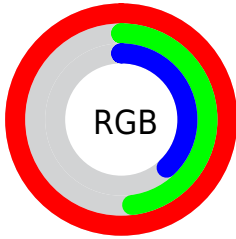
Format	Color
R_{YB}	255, 126, 98
Decimal	16743010
CIE _{Lab}	66.57, 48.82, 37.13
CIE _{LCh}	67, 61.335, 37.251
Yxy	36.0609, 0.4926, 0.3524
Android (android.graphics.Color)	4294933090 (0xFFFF7A62)
YUV	159.0310, -30.0883, 84.1648
Hunter-Lab	60.0507, 44.7367, 26.3773

Details

The XYZ color **50.4041, 36.0609, 15.8591** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.6607, 66.9640, 104.8097**, and the grayscale version is **33.0754, 34.7979, 37.8949**.

A 20% lighter version of the original color is **62.3870, 54.8742, 35.7374**, and **24.6570, 15.7107, 4.8649** is the 20% darker color. If you saturate the color by 10%, you get **47.0222, 30.9271, 9.7081**, and if you desaturate by 10%, it is **54.7605, 42.5308, 24.2268**.

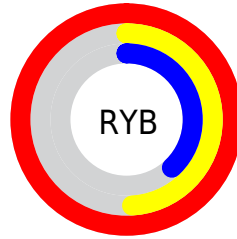
Distribution



Red (100%)

Green (48%)

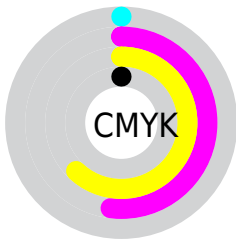
Blue (38%)



Red (100%)

Yellow (49%)

Blue (38%)

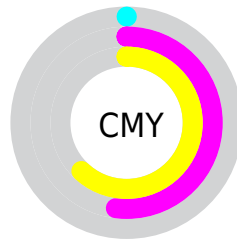


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4041, 36.0609, 15.8591 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 50.4041, 36.0609, 15.8591 by changing the saturation by 10% instead.


 50.4041, 36.0609,
15.8591


 50.4041, 36.0609,
15.8591

378.6700,
329.2266, 240.3261


 35.9537, 24.4812,
9.2712


 89.9616, 69.1261,
37.1168


 24.5684, 15.6910,
4.8193


 115.7993, 91.3803,
52.6237

 15.8828, 9.3058,
2.0848


 146.1636,
117.9616, 71.9407

 9.5316, 4.9411,
0.6067

 181.4198,
149.2543, 95.4864

 5.1494, 2.2128,
0.0000

221.9331,
185.6427, 123.6792

 2.3708, 0.7269,
0.0000

268.0691,

 0.8305, 0.0000,

227.5113, 156.9377

0.0000

320.1929,
275.2445, 195.6805

■ 0.0000, 0.0000,
0.0000

■ 50.4041, 36.0609,
15.8591

■ 50.4041, 36.0609,
15.8591

■ 47.0222, 30.9271,
9.7081

■ 54.7605, 42.5308,
24.2268

■ 44.5349, 27.0293,
5.5594

■ 60.1576, 50.4158,
34.9947

■ 42.8531, 24.2626,
3.1586

■ 66.6587, 59.7956,
48.3293

■ 41.9650, 22.7104,
2.1718

■ 74.3213, 70.7424,
64.3815

■ 83.1988, 83.3235,
83.2908

93.3411, 97.6023,
105.1868

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.



55.0308, 36.0609, 33.2004



50.4041, 36.0609, 15.8591



41.5942, 36.0609, 8.5944

Triad

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



50.4041, 36.0609, 15.8591



20.3921, 36.0609, 22.7271



36.5606, 36.0609, 114.1940

Complementary

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



50.4041, 36.0609, 15.8591



51.6607, 66.9640, 104.8097

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.



27.8688, 36.0609, 107.1280



50.4041, 36.0609, 15.8591



19.5297, 36.0609, 46.0248

Square

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



50.4041, 36.0609, 15.8591



24.6282, 36.0609, 11.1372



22.0156, 36.0609, 78.6933



46.1595, 36.0609, 95.1006

Rectangle

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



50.4041, 36.0609, 15.8591



35.1317, 36.0609, 7.2577



22.0156, 36.0609, 78.6933



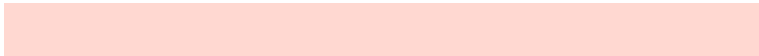
33.4320, 36.0609, 114.9036

Sweetspot

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



50.4050, 36.0628, 15.8597



77.3473, 75.0410, 70.7943



60.0949, 35.7904, 79.6755



16.0249, 15.3082, 14.0277



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.



50.4050, 36.0628, 15.8597



46.3384, 29.8693, 8.5238



64.1102, 63.4734, 20.4282



18.2335, 18.4353, 18.7417



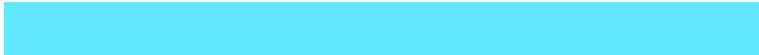
21.9942, 11.9996, 1.1569



2.2039, 1.2932, 0.1335

Inverse Universe

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



51.6607, 66.9640, 104.8097



47.5528, 62.8603, 104.2347



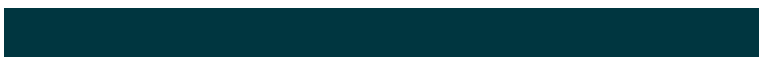
34.4701, 32.5829, 99.0795



18.3043, 19.9803, 23.1418



22.3527, 29.6151, 53.9727



2.2376, 3.0058, 5.2755

Previews

White Background



This preview shows how the XYZ color 50.4041, 36.0609, 15.8591 looks on a white background.

Color Contrast Check

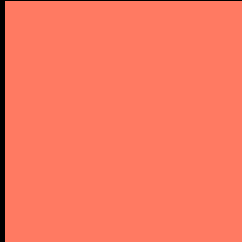
Large Text (above 18pt) WCAG AA × Fail

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 50.4041, 36.0609, 15.8591 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 50.4041, 36.0609, 15.8591

Background



This preview shows how black text looks on a background with the XYZ color 50.4041, 36.0609, 15.8591.



This preview shows how white text looks on a background with the XYZ color 50.4041, 36.0609,

15.8591.

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

50.4041, 36.0609, 15.8591

Protanopia

33.6368, 36.1695, 21.1282

Deuteranopia

36.9418, 36.2212, 15.1696



Tritanopia

51.6676, 35.9860, 24.3015

Trichromacy



Original Color

50.4041, 36.0609, 15.8591

Protanomaly

38.0423, 34.7875, 18.8970

Deuteranomaly

41.0563, 35.5131, 15.2805

Tritanomaly

51.1089, 35.9539, 20.7691

Monochromacy



Original Color

50.4041, 36.0609, 15.8591

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.0424, 33.8332, 28.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4041, 36.0609, 15.8591 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, 122, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 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, 122, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 98) }
```

Border

The CSS property to change the border of an element to XYZ 50.4041, 36.0609, 15.8591 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, 122, 98) }
```


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

```
.border{ border-color:rgb(255, 122, 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, 122, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4041, 36.0609, 15.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 98) }
```

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

```
.background{ background-color: rgb(255,  
122, 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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