

Converting Colors

XYZ(51.8569, 36.8775, 15.7065)

Have a look what the booklet for
XYZ(51.8569, 36.8775, 15.7065)
contains.

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Color

**XYZ(50.3572, 36.0421,
15.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A61
RGB	255, 122, 97
RGB Percent	100%, 48%, 38%
CMY	0.0000, 0.5215, 0.6196
CMYK	0.00, 0.52, 0.62, 0.00
HSL	9°, 100%, 69%
HSV	9°, 62%, 100%
XYZ	50.3572, 36.0421, 15.6120
YIQ	158.9170, 87.2930, 20.4210

Conversions

Conversions Part 2

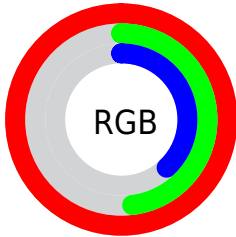
Format	Color
R_{YB}	255, 127, 97
Decimal	16743009
CIE Lab	66.55, 48.76, 37.65
CIE LCh	67, 61.604, 37.676
Yxy	36.0421, 0.4936, 0.3533
Android (android.graphics.Color)	4294933089 (0xFFFF7A61)
YUV	158.9170, -30.5251, 84.2648
Hunter-Lab	60.0351, 44.6638, 26.6063

Details

The XYZ color **50.3572, 36.0421, 15.6120** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.2746, 66.3510, 104.7118**, and the grayscale version is **33.0250, 34.7449, 37.8372**.

A 20% lighter version of the original color is **62.3074, 54.8424, 35.3187**, and **24.6352, 15.7020, 4.7500** is the 20% darker color. If you saturate the color by 10%, you get **47.0028, 30.9404, 9.5407**, and if you desaturate by 10%, it is **54.6773, 42.4645, 23.8903**.

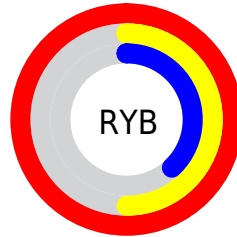
Distribution



Red (100%)

Green (48%)

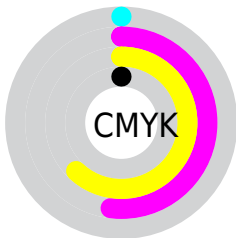
Blue (38%)



Red (100%)

Yellow (50%)

Blue (38%)

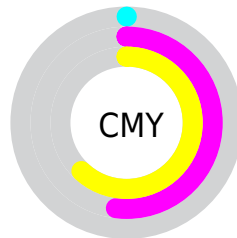


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (52%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3572, 36.0421, 15.6120 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 50.3572, 36.0421, 15.6120 by changing the saturation by 10% instead.


 50.3572, 36.0421,
15.6120


 50.3572, 36.0421,
15.6120


378.4901,
329.1445, 238.8082

 35.9163, 24.4667,
9.0986


 89.8926, 69.0970,
36.6807


 24.5393, 15.6802,
4.7079


 115.7177, 91.3454,
52.0730

 15.8611, 9.2981,
2.0212

 146.0682,
117.9202, 71.2622

 9.5161, 4.9362,
0.5683

 181.3096,
149.2058, 94.6666

 5.1391, 2.2098,
0.0000

221.8071,
185.5866, 122.7049

 2.3647, 0.7254,
0.0000

267.9261,

 0.8275, 0.0000,

227.4471, 155.7956

0.0000

320.0320,
275.1716, 194.3572

■ 0.0000, 0.0000,
0.0000

■ 50.3572, 36.0421,
15.6120

■ 50.3572, 36.0421,
15.6120

■ 47.0028, 30.9404,
9.5407

■ 54.6773, 42.4645,
23.8903

■ 44.5347, 27.0607,
5.4609

■ 60.0288, 50.2853,
34.5597

■ 42.8643, 24.2998,
3.1166

■ 66.4745, 59.5831,
47.7870

■ 42.0108, 22.8018,
2.1870

■ 74.0715, 70.4290,
63.7237

■ 82.8726, 82.8893,
82.5092

92.9275, 97.0266,
104.2735

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.



55.0884, 36.0421, 32.8237



50.3572, 36.0421, 15.6120



41.4696, 36.0421, 8.4607

Triad

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



50.3572, 36.0421, 15.6120



20.2933, 36.0421, 22.8958



36.6887, 36.0421, 114.5019

Complementary

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



50.3572, 36.0421, 15.6120



51.2746, 66.3510, 104.7118

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.



27.9332, 36.0421, 107.7719



50.3572, 36.0421, 15.6120



19.4763, 36.0421, 46.4506

Square

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



50.3572, 36.0421, 15.6120



24.4925, 36.0421, 11.1512



22.0160, 36.0421, 79.3526



46.3227, 36.0421, 94.9686

Rectangle

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



50.3572, 36.0421, 15.6120



34.9837, 36.0421, 7.1739



22.0160, 36.0421, 79.3526



33.5403, 36.0421, 115.3505

Sweetspot

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



50.3581, 36.0440, 15.6126



76.5494, 73.9467, 68.9820



59.9808, 35.5960, 79.5328



15.8719, 15.0997, 13.6766



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.



50.3581, 36.0440, 15.6126



46.4303, 30.0530, 8.5544



63.9824, 63.2928, 20.1541



18.2415, 18.4511, 18.7443



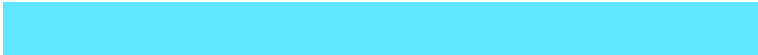
22.0199, 12.0511, 1.1655



2.2076, 1.3007, 0.1347

Inverse Universe

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



51.2746, 66.3510, 104.7118



47.2785, 62.3116, 104.1432



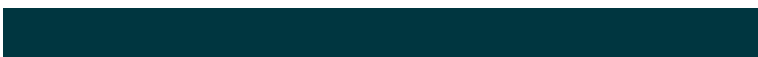
34.2569, 32.3156, 99.0393



18.2956, 19.9629, 23.1389



22.1729, 29.2555, 53.9128



2.2217, 2.9741, 5.2702

Previews

White Background



This preview shows how the XYZ color 50.3572, 36.0421, 15.6120 looks on a white background.

Color Contrast Check

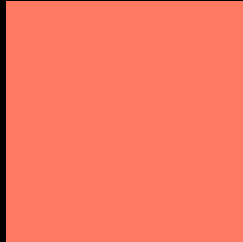
Large Text (above 18pt) WCAG AA × Fail

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 50.3572, 36.0421, 15.6120 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 50.3572, 36.0421, 15.6120

Background



This preview shows how black text looks on a background with the XYZ color 50.3572, 36.0421, 15.6120.



This preview shows how white text looks on a background with the XYZ color 50.3572, 36.0421,

15.6120.

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

50.3572, 36.0421, 15.6120

Protanopia

33.5802, 36.1469, 20.8300

Deuteranopia

36.8984, 36.2038, 14.9408



Tritanopia

51.6676, 35.9860, 24.3015

Trichromacy



Original Color

50.3572, 36.0421, 15.6120

Protanomaly

37.9894, 34.7663, 18.6182

Deuteranomaly

41.0117, 35.4953, 15.0457

Tritanomaly

51.1089, 35.9539, 20.7691

Monochromacy



Original Color

50.3572, 36.0421, 15.6120

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.9710, 33.8047, 27.8689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3572, 36.0421, 15.6120 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 97) }
```

Border

The CSS property to change the border of an element to XYZ 50.3572, 36.0421, 15.6120 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, 97) }
```


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

```
.border{ border-color:rgb(255, 122, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3572, 36.0421, 15.6120 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, 97) }
```

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

```
.background{ background-color: rgb(255,  
122, 97) }
```

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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