

Converting Colors

XYZ(60.6405, 41.6799, 18.8565)

Have a look what the booklet for
XYZ(60.6405, 41.6799, 18.8565)
contains.

XYZ(51.1015, 36.7368, 18.3075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.1015, 36.7368,
18.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C6B
RGB	255, 124, 107
RGB Percent	100%, 49%, 42%
CMY	0.0000, 0.5137, 0.5804
CMYK	0.00, 0.51, 0.58, 0.00
HSL	7°, 100%, 71%
HSV	7°, 58%, 100%
XYZ	51.1015, 36.7368, 18.3075
YIQ	161.2310, 83.5330, 22.4850

Conversions

Conversions Part 2

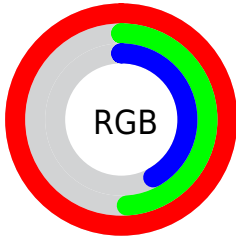
Format	Color
R _Y B	255, 126, 107
Decimal	16743531
CIE Lab	67.08, 48.47, 32.85
CIE LCh	67, 58.555, 34.129
Yxy	36.7368, 0.4814, 0.3461
Android (android.graphics.Color)	4294933611 (0xFFFF7C6B)
YUV	161.2310, -26.7359, 82.2354
Hunter-Lab	60.6109, 44.4256, 24.5191

Details

The XYZ color **51.1015, 36.7368, 18.3075** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.6859, 71.4907, 105.5242**, and the grayscale version is **34.0781, 35.8528, 39.0437**.

A 20% lighter version of the original color is **63.6181, 56.0034, 40.2576**, and **24.9719, 16.0335, 5.9163** is the 20% darker color. If you saturate the color by 10%, you get **47.4403, 31.2542, 11.4158**, and if you desaturate by 10%, it is **55.8072, 43.6759, 27.4990**.

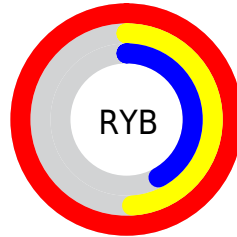
Distribution



Red (100%)

Green (49%)

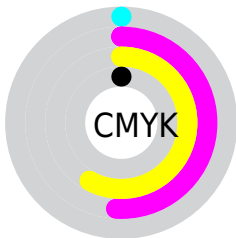
Blue (42%)



Red (100%)

Yellow (49%)

Blue (42%)

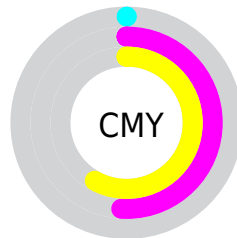


Cyan (0%)

Magenta (51%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1015, 36.7368, 18.3075 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 51.1015, 36.7368, 18.3075 by changing the saturation by 10% instead.

51.1015, 36.7368,
18.3075

51.1015, 36.7368,
18.3075

381.3392,
332.1696, 254.8927

36.5108, 25.0038,
10.9993

90.9869, 70.1678,
41.3816

25.0009, 16.0799,
5.9522

117.0122, 92.6346,
57.9845

16.2064, 9.5807,
2.7477

147.5799,
119.4480, 78.5228

9.7621, 5.1218,
0.9673

183.0551,
150.9926, 103.4149

5.3026, 2.3189,
0.0000

223.8033,
187.6526, 133.0794

2.4624, 0.7837,
0.0000

270.1898,

0.8764, 0.0000,

229.8125, 167.9348

0.0000

322.5800,
277.8567, 208.3997

■ 0.0000, 0.0000,
0.0000

■ 51.1015, 36.7368,
18.3075

■ 51.1015, 36.7368,
18.3075

■ 47.4403, 31.2542,
11.4158

■ 55.8072, 43.6759,
27.4990

■ 44.7402, 27.1185,
6.6179

■ 61.6269, 52.1594,
39.1679

■ 42.9093, 24.2136,
3.6743

■ 68.6269, 62.2749,
53.4769

■ 41.8315, 22.3995,
2.2624

■ 76.8678, 74.1018,
70.5740

■ 41.6866, 22.1535,
2.0789

■ 86.4059, 87.7146,
90.5963

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.



54.9389, 36.7368, 36.5712



51.1015, 36.7368, 18.3075



42.9372, 36.7368, 10.1062

Triad

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



51.1015, 36.7368, 18.3075



21.6617, 36.7368, 22.1863



36.1650, 36.7368, 111.5876

Complementary

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



51.1015, 36.7368, 18.3075



54.6859, 71.4907, 105.5242

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.



27.9638, 36.7368, 102.3637



51.1015, 36.7368, 18.3075



20.4680, 36.7368, 43.6370

Square

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



51.1015, 36.7368, 18.3075



26.1619, 36.7368, 11.5845



22.5712, 36.7368, 74.3174



45.4358, 36.7368, 95.8969

Rectangle

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



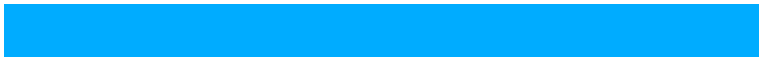
51.1015, 36.7368, 18.3075



36.6988, 36.7368, 8.3562



22.5712, 36.7368, 74.3174



33.1943, 36.7368, 111.3302

Sweetspot

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



51.1024, 36.7388, 18.3081



77.7975, 75.4317, 72.5155



62.2555, 38.0787, 86.6624



16.2698, 15.5988, 14.7237



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.



51.1024, 36.7388, 18.3081



46.8377, 30.3403, 10.3166



63.5886, 61.7113, 22.4702



18.1774, 18.3230, 18.7230



21.8353, 11.6817, 1.1040



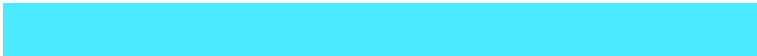
2.1776, 1.2407, 0.1247

Inverse Universe

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



54.6859, 71.4907, 105.5242



50.6324, 67.9011, 105.0454



37.7862, 37.6912, 99.8909



18.3662, 20.1039, 23.1624



23.6703, 32.2503, 54.4120



2.3531, 3.2370, 5.3140

Previews

White Background



This preview shows how the XYZ color 51.1015, 36.7368, 18.3075 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 51.1015, 36.7368, 18.3075 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 51.1015, 36.7368, 18.3075

Background



This preview shows how black text looks on a background with the XYZ color 51.1015, 36.7368, 18.3075.



This preview shows how white text looks on a background with the XYZ color 51.1015, 36.7368,

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

51.1015, 36.7368, 18.3075

Protanopia

34.3515, 36.7384, 24.0196

Deuteranopia

37.5261, 36.7223, 17.4222



Tritanopia

52.2288, 36.7908, 25.4677

Trichromacy



Original Color

51.1015, 36.7368, 18.3075

Protanomaly

38.8602, 35.6166, 21.6562

Deuteranomaly

41.6349, 35.9859, 17.5835

Tritanomaly

51.8358, 36.8311, 22.7894

Monochromacy



Original Color

51.1015, 36.7368, 18.3075

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.9033, 34.7050, 29.9003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1015, 36.7368, 18.3075 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, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 107)  
}
```

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, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 51.1015, 36.7368, 18.3075 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, 124, 107) }
```


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

```
.border{ border-color:rgb(255, 124, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1015, 36.7368, 18.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 107) }
```

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

```
.background{ background-color: rgb(255,  
124, 107) }
```

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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