

Converting Colors

XYZ(51.2885, 37.6039, 16.8499)

Have a look what the booklet for
XYZ(51.2885, 37.6039, 16.8499)
contains.

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Color

**XYZ(51.3081, 37.6379,
16.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8065
RGB	255, 128, 101
RGB Percent	100%, 50%, 40%
CMY	0.0000, 0.4980, 0.6039
CMYK	0.00, 0.50, 0.60, 0.00
HSL	11°, 100%, 70%
HSV	11°, 60%, 100%
XYZ	51.3081, 37.6379, 16.8725
YIQ	162.8950, 84.3590, 18.5270

Conversions

Conversions Part 2

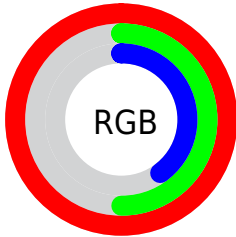
Format	Color
R_{YB}	255, 134, 101
Decimal	16744549
CIE _{Lab}	67.75, 46.11, 36.98
CIE _{LCh}	68, 59.108, 38.725
Yxy	37.6379, 0.4849, 0.3557
Android (android.graphics.Color)	4294934629 (0xFFFF8065)
YUV	162.8950, -30.5142, 80.7761
Hunter-Lab	61.3497, 41.9213, 26.6388

Details

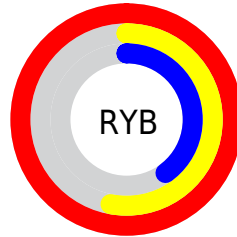
The XYZ color **51.3081, 37.6379, 16.8725** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.1582, 65.4694, 104.5477**, and the grayscale version is **34.8759, 36.6922, 39.9578**.

A 20% lighter version of the original color is **63.8410, 57.3940, 37.4191**, and **25.1510, 16.6267, 5.2518** is the 20% darker color. If you saturate the color by 10%, you get **47.7826, 32.2860, 10.4603**, and if you desaturate by 10%, it is **55.7912, 44.2855, 25.5161**.

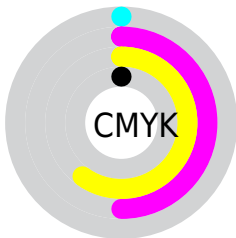
Distribution



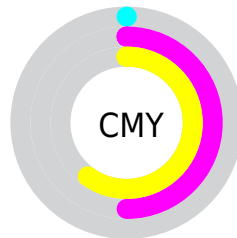
- Red (100%)
- Green (50%)
- Blue (40%)



- Red (100%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3081, 37.6379, 16.8725 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 51.3081, 37.6379, 16.8725 by changing the saturation by 10% instead.


 51.3081, 37.6379,
16.8725


 51.3081, 37.6379,
16.8725


382.1276,
336.0641, 246.4556

 36.6759, 25.7018,
9.9826


 91.2903, 71.5528,
38.8941

 25.1292, 16.6007,
5.2820


 117.3710, 94.3004,
54.8629

 16.3026, 9.9502,
2.3520


 147.9987,
121.4205, 74.6950

 9.8307, 5.3659,
0.7601

 183.5385,
153.2977, 98.8091

 5.3483, 2.4635,
0.0000

224.3560,
190.3162, 127.6237

 2.4899, 0.8583,
0.0000

270.8164,

 0.8901, 0.0000,

232.8605, 161.5573

0.0000

323.2852,
281.3150, 201.0284

■ 0.0000, 0.0000,
0.0000

■ 51.3081, 37.6379,
16.8725

■ 51.3081, 37.6379,
16.8725

■ 47.7826, 32.2860,
10.4603

■ 55.7912, 44.2855,
25.5161

■ 45.1395, 28.1381,
6.0698

■ 61.2941, 52.3003,
36.5706

■ 43.2958, 25.0998,
3.4546

■ 67.8765, 61.7559,
50.1999

■ 42.1675, 23.1153,
2.2392

■ 75.5928, 72.7187,
66.5524

■ 84.4938, 85.2508,
85.7656

94.6269, 99.4110,
107.9674

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.



56.1047, 37.6379, 33.8114



51.3081, 37.6379, 16.8725



42.5357, 37.6379, 9.6994

Triad

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



51.3081, 37.6379, 16.8725



21.7706, 37.6379, 25.2993



38.5061, 37.6379, 113.5627

Complementary

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



51.3081, 37.6379, 16.8725



51.1582, 65.4694, 104.5477

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.



29.7692, 37.6379, 108.0378



51.3081, 37.6379, 16.8725



21.0644, 37.6379, 49.0993

Square

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



51.3081, 37.6379, 16.8725



25.8685, 37.6379, 12.9234



23.7415, 37.6379, 81.2135



47.9308, 37.6379, 94.1142

Rectangle

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



51.3081, 37.6379, 16.8725



36.1660, 37.6379, 8.4498



23.7415, 37.6379, 81.2135



35.3842, 37.6379, 114.6909

Sweetspot

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



51.3090, 37.6399, 16.8732



77.6124, 75.5712, 70.8826



60.0830, 36.2432, 78.2017



16.0883, 15.4351, 14.0488



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.



51.3090, 37.6399, 16.8732



47.3002, 31.5400, 9.6236



65.1025, 65.2269, 21.4710



18.2669, 18.5019, 18.7528



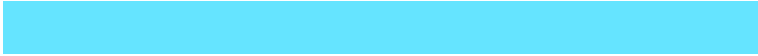
22.1077, 12.2267, 1.1948



2.2199, 1.3251, 0.1388

Inverse Universe

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



51.1582, 65.4694, 104.5477



47.0127, 61.2443, 103.9512



34.6994, 32.5517, 99.0615



18.2679, 19.9075, 23.1297



21.6090, 28.1276, 53.7248



2.1719, 2.8745, 5.2536

Previews

White Background



This preview shows how the XYZ color 51.3081, 37.6379, 16.8725 looks on a white background.

Color Contrast Check

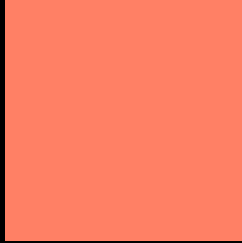
Large Text (above 18pt) WCAG AA × Fail

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 51.3081, 37.6379, 16.8725 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 51.3081, 37.6379, 16.8725

Background



This preview shows how black text looks on a background with the XYZ color 51.3081, 37.6379, 16.8725.



This preview shows how white text looks on a background with the XYZ color 51.3081, 37.6379,

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

51.3081, 37.6379, 16.8725

Protanopia

35.1979, 37.7549, 21.9553

Deuteranopia

38.3798, 37.6975, 16.0800



Tritanopia

52.8073, 37.6207, 26.6686

Trichromacy



Original Color

51.3081, 37.6379, 16.8725

Protanomaly

39.8296, 36.8696, 20.0562

Deuteranomaly

42.4102, 37.1027, 16.2355

Tritanomaly

52.1520, 37.5622, 22.5907

Monochromacy



Original Color

51.3081, 37.6379, 16.8725

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.4049, 35.4419, 29.6278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3081, 37.6379, 16.8725 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, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 101)  
}
```

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, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 101) }
```

Border

The CSS property to change the border of an element to XYZ 51.3081, 37.6379, 16.8725 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, 128, 101) }
```


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

```
.border{ border-color:rgb(255, 128, 101) }
```

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

Here you see how a box with a 4 pixel rgb(255, 128, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3081, 37.6379, 16.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 101) }
```

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

```
.background{ background-color: rgb(255,  
128, 101) }
```

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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