

Converting Colors

XYZ(76.6835, 50.2965, 20.3285)

Have a look what the booklet for
XYZ(76.6835, 50.2965, 20.3285)
contains.

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Color

**XYZ(51.5153, 37.3075,
19.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E6E
RGB	255, 126, 110
RGB Percent	100%, 49%, 43%
CMY	0.0000, 0.5059, 0.5686
CMYK	0.00, 0.51, 0.57, 0.00
HSL	7°, 100%, 72%
HSV	7°, 57%, 100%
XYZ	51.5153, 37.3075, 19.2378
YIQ	162.7470, 82.0200, 22.3720

Conversions

Conversions Part 2

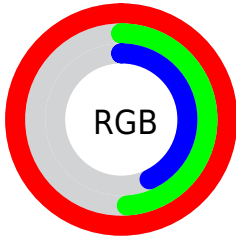
Format	Color
R _Y B	255, 128, 110
Decimal	16744046
CIE Lab	67.51, 47.72, 31.75
CIE LCh	68, 57.318, 33.639
Yxy	37.3075, 0.4767, 0.3452
Android (android.graphics.Color)	4294934126 (0xFFFF7E6E)
YUV	162.7470, -26.0043, 80.9059
Hunter-Lab	61.0799, 43.6587, 24.0818

Details

The XYZ color **51.5153, 37.3075, 19.2378** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.3448, 72.2636, 105.6385**, and the grayscale version is **34.7862, 36.5978, 39.8550**.

A 20% lighter version of the original color is **64.2855, 56.9164, 41.7802**, and **25.2444, 16.4503, 6.4021** is the 20% darker color. If you saturate the color by 10%, you get **47.7422, 31.6728, 12.0880**, and if you desaturate by 10%, it is **56.3473, 44.4212, 28.7114**.

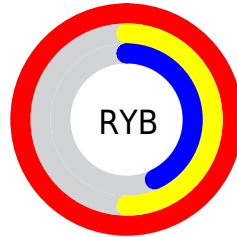
Distribution



Red (100%)

Green (49%)

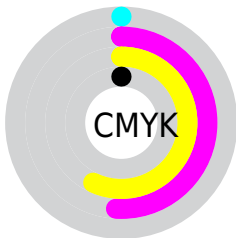
Blue (43%)



Red (100%)

Yellow (50%)

Blue (43%)

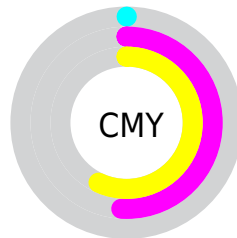


Cyan (0%)

Magenta (51%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5153, 37.3075, 19.2378 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 51.5153, 37.3075, 19.2378 by changing the saturation by 10% instead.


 51.5153, 37.3075,
19.2378

 51.5153, 37.3075,
19.2378


382.9173,
334.6399, 260.2248

 36.8416, 25.4457,
11.6637


 91.5945, 71.0455,
42.9776


 25.2580, 16.4094,
6.3954


 117.7307, 93.6904,
59.9803

 16.3991, 9.8143,
3.0143


 148.4184,
120.6985, 80.9630

 9.8996, 5.2760,
1.1019

 184.0230,
152.4541, 106.3442

 5.3942, 2.4101,
0.0000

224.9098,
189.3416, 136.5424

 2.5175, 0.8311,
0.0000

271.4442,

 0.9041, 0.0000,

231.7455, 171.9762

0.0000

323.9916,
280.0502, 213.0642

■ 0.0000, 0.0000,
0.0000

■ 51.5153, 37.3075,
19.2378

■ 51.5153, 37.3075,
19.2378

■ 47.7422, 31.6728,
12.0880

■ 56.3473, 44.4212,
28.7114

■ 44.9448, 27.4069,
7.0591

■ 62.3073, 53.1019,
40.6845

■ 43.0321, 24.3939,
3.9164

■ 69.4618, 63.4380,
55.3179

■ 41.8926, 22.4953,
2.3638

■ 77.8714, 75.5092,
72.7585

■ 41.6586, 22.0975,
2.0696

■ 87.5925, 89.3903,
93.1425

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.



55.1944, 37.3075, 37.6198



51.5153, 37.3075, 19.2378



43.5259, 37.3075, 10.8141

Triad

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



51.5153, 37.3075, 19.2378



22.3440, 37.3075, 22.6631



36.5456, 37.3075, 110.8217

Complementary

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



51.5153, 37.3075, 19.2378



55.3448, 72.2636, 105.6385

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.



28.4571, 37.3075, 101.4405



51.5153, 37.3075, 19.2378



21.0983, 37.3075, 43.7788

Square

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



51.5153, 37.3075, 19.2378



26.8792, 37.3075, 12.1389



23.1435, 37.3075, 73.8586



45.6956, 37.3075, 95.8783

Rectangle

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



51.5153, 37.3075, 19.2378



37.3699, 37.3075, 8.9664



23.1435, 37.3075, 73.8586



33.6156, 37.3075, 110.4298

Sweetspot

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



51.5162, 37.3095, 19.2385



77.7472, 75.3310, 72.4987



62.6183, 38.7330, 87.0036



16.2581, 15.5753, 14.7198



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.



51.5162, 37.3095, 19.2385



47.3765, 31.1205, 11.4129



64.0206, 62.3183, 23.4066



18.1708, 18.3097, 18.7208



21.8190, 11.6493, 1.0985



2.1745, 1.2344, 0.1237

Inverse Universe

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



55.3448, 72.2636, 105.6385



51.4495, 68.9050, 105.1961



38.4832, 38.5405, 100.0180



18.3735, 20.1187, 23.1649



23.8320, 32.5735, 54.4658



2.3673, 3.2652, 5.3188

Previews

White Background



This preview shows how the XYZ color 51.5153, 37.3075, 19.2378 looks on a white background.

Color Contrast Check

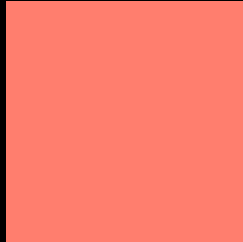
Large Text (above 18pt) WCAG AA × Fail

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 51.5153, 37.3075, 19.2378 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 51.5153, 37.3075, 19.2378

Background



This preview shows how black text looks on a background with the XYZ color 51.5153, 37.3075, 19.2378.



This preview shows how white text looks on a background with the XYZ color 51.5153, 37.3075,

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

51.5153, 37.3075, 19.2378

Protanopia

35.1255, 37.6467, 25.1539

Deuteranopia

38.1088, 37.2555, 18.2792



Tritanopia

52.6125, 37.3412, 26.2644

Trichromacy



Original Color

51.5153, 37.3075, 19.2378

Protanomaly

39.6336, 36.4684, 22.7195

Deuteranomaly

42.0938, 36.6584, 18.4929

Tritanomaly

52.2117, 37.3825, 23.5325

Monochromacy



Original Color

51.5153, 37.3075, 19.2378

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.7053, 35.5621, 31.2097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5153, 37.3075, 19.2378 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, 126, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 110)  
}
```

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, 126, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 110) }
```

Border

The CSS property to change the border of an element to XYZ 51.5153, 37.3075, 19.2378 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, 126, 110) }
```


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

```
.border{ border-color:rgb(255, 126, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5153, 37.3075, 19.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 110) }
```

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

```
.background{ background-color: rgb(255,  
126, 110) }
```

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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