

Converting Colors

XYZ(51.5607, 37.7390, 18.2025)

Have a look what the booklet for
XYZ(51.5607, 37.7390, 18.2025)
contains.

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Color

**XYZ(51.5607, 37.7390,
18.2025)**

Conversions

Conversions Part 1

Format	Color
Hex	FF806A
RGB	255, 128, 106
RGB Percent	100%, 50%, 42%
CMY	0.0000, 0.4980, 0.5843
CMYK	0.00, 0.50, 0.58, 0.00
HSL	9°, 100%, 71%
HSV	9°, 58%, 100%
XYZ	51.5607, 37.7390, 18.2025
YIQ	163.4650, 82.7540, 20.0820

Conversions

Conversions Part 2

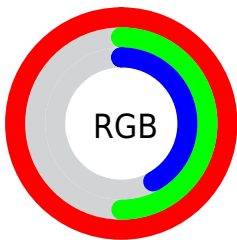
Format	Color
R _Y B	255, 132, 106
Decimal	16744554
CIE Lab	67.83, 46.46, 34.35
CIE LCh	68, 57.780, 36.483
Yxy	37.7390, 0.4796, 0.3511
Android (android.graphics.Color)	4294934634 (0xFFFF806A)
YUV	163.4650, -28.3302, 80.2762
Hunter-Lab	61.4321, 42.3111, 25.4347

Details

The XYZ color **51.5607, 37.7390, 18.2025** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **53.1307, 68.5577, 105.0399**, and the grayscale version is **35.1364, 36.9662, 40.2562**.

A 20% lighter version of the original color is **64.3450, 57.5956, 40.0735**, and **25.2721, 16.6751, 5.8896** is the 20% darker color. If you saturate the color by 10%, you get **47.8887, 32.2113, 11.3803**, and if you desaturate by 10%, it is **56.2358, 44.6426, 27.3042**.

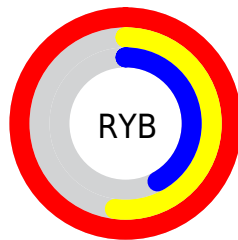
Distribution



Red (100%)

Green (50%)

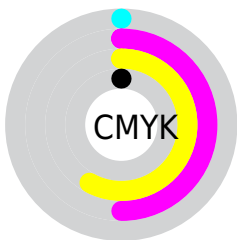
Blue (42%)



Red (100%)

Yellow (52%)

Blue (42%)

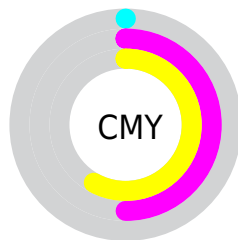


Cyan (0%)

Magenta (50%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5607, 37.7390, 18.2025 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 51.5607, 37.7390, 18.2025 by changing the saturation by 10% instead.


 51.5607, 37.7390,
18.2025


 51.5607, 37.7390,
18.2025


383.0902,
336.4990, 254.2843

 36.8779, 25.7802,
10.9245


 91.6611, 71.7079,
41.2007


 25.2862, 16.6593,
5.9026


 117.8094, 94.4868,
57.7579

 16.4203, 9.9919,
2.7181


 148.5103,
121.6412, 78.2454

 9.9148, 5.3936,
0.9525

 184.1290,
153.5554, 103.0816

 5.4043, 2.4800,
0.0000

225.0311,
190.6139, 132.6850

 2.5236, 0.8666,
0.0000

271.5817,

 0.9072, 0.0000,

233.2011, 167.4743

0.0000

324.1463,
281.7013, 207.8678

■ 0.0000, 0.0000,
0.0000

■ 51.5607, 37.7390,
18.2025

■ 51.5607, 37.7390,
18.2025

■ 47.8887, 32.2113,
11.3803

■ 56.2358, 44.6426,
27.3042

■ 45.1419, 27.9607,
6.6323

■ 61.9786, 53.0000,
38.8622

■ 43.2347, 24.8848,
3.7197

■ 68.8514, 62.8905,
53.0382

■ 42.0572, 22.8596,
2.3106

■ 76.9109, 74.3857,
69.9794

■ 41.9222, 22.6247,
2.1575

■ 86.2100, 87.5528,
89.8222

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.



55.8281, 37.7390, 35.7747



51.5607, 37.7390, 18.2025



43.1836, 37.7390, 10.4435

Triad

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



51.5607, 37.7390, 18.2025



22.2917, 37.7390, 24.3967



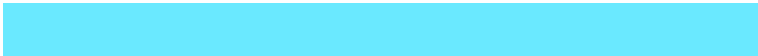
37.8479, 37.7390, 112.0843

Complementary

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



51.5607, 37.7390, 18.2025



53.1307, 68.5577, 105.0399

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.



29.4322, 37.7390, 104.8688



51.5607, 37.7390, 18.2025



21.3447, 37.7390, 46.9103

Square

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



51.5607, 37.7390, 18.2025



26.5803, 37.7390, 12.8388



23.7367, 37.7390, 77.9103



47.1048, 37.7390, 94.8173

Rectangle

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



51.5607, 37.7390, 18.2025



36.9359, 37.7390, 8.9192



23.7367, 37.7390, 77.9103



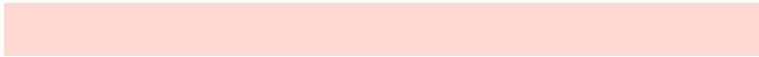
34.8244, 37.7390, 112.5187

Sweetspot

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



51.5616, 37.7410, 18.2032



77.2860, 74.9184, 70.7738



61.4086, 37.5741, 82.7140



16.0102, 15.2789, 14.0228



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.



51.5616, 37.7410, 18.2032



47.3987, 31.4623, 10.5036



64.5807, 63.7792, 22.5429



18.2258, 18.4198, 18.7391



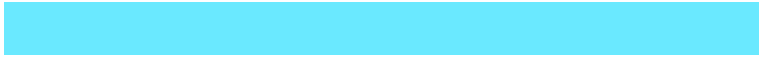
21.9699, 11.9511, 1.1488



2.2003, 1.2860, 0.1323

Inverse Universe

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



53.1307, 68.5577, 105.0399



48.9890, 64.6142, 104.4975



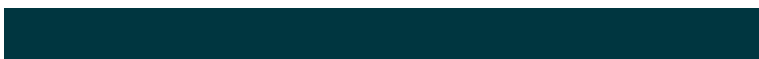
36.6749, 35.6462, 99.5546



18.3128, 19.9972, 23.1446



22.5291, 29.9679, 54.0315



2.2531, 3.0369, 5.2807

Previews

White Background



This preview shows how the XYZ color 51.5607, 37.7390, 18.2025 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 51.5607, 37.7390, 18.2025 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 51.5607, 37.7390, 18.2025

Background



This preview shows how black text looks on a background with the XYZ color 51.5607, 37.7390, 18.2025.



This preview shows how white text looks on a background with the XYZ color 51.5607, 37.7390,

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

51.5607, 37.7390, 18.2025

Protanopia

35.2664, 37.7557, 23.5180

Deuteranopia

38.6145, 37.7913, 17.3158



Tritanopia

52.8767, 37.6485, 27.0342

Trichromacy



Original Color

51.5607, 37.7390, 18.2025

Protanomaly

39.8342, 36.8392, 21.5342

Deuteranomaly

42.6508, 37.1989, 17.5025

Tritanomaly

52.3389, 37.6369, 23.5749

Monochromacy



Original Color

51.5607, 37.7390, 18.2025

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.5538, 35.5014, 30.4116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5607, 37.7390, 18.2025 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 106) }
```

Border

The CSS property to change the border of an element to XYZ 51.5607, 37.7390, 18.2025 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, 106) }
```


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

```
.border{ border-color:rgb(255, 128, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 128, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 128, 106); box-shadow:4px 4px 4px 4px rgb(255, 128, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5607, 37.7390, 18.2025 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, 106) }
```

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

```
.background{ background-color: rgb(255,  
128, 106) }
```

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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