

Converting Colors

XYZ(57.2599, 40.2524, 20.6879)

Have a look what the booklet for
XYZ(57.2599, 40.2524, 20.6879)
contains.

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Color

**XYZ(51.7381, 37.3966,
20.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E72
RGB	255, 126, 114
RGB Percent	100%, 49%, 45%
CMY	0.0000, 0.5059, 0.5529
CMYK	0.00, 0.51, 0.55, 0.00
HSL	5°, 100%, 72%
HSV	5°, 55%, 100%
XYZ	51.7381, 37.3966, 20.4110
YIQ	163.2030, 80.7360, 23.6160

Conversions

Conversions Part 2

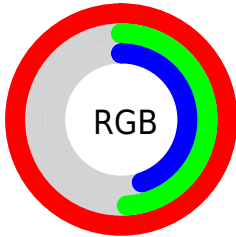
Format	Color
R_{YB}	255, 127, 114
Decimal	16744050
CIE _{Lab}	67.57, 48.02, 29.63
CIE _{LCh}	68, 56.426, 31.675
Yxy	37.3966, 0.4723, 0.3414
Android (android.graphics.Color)	4294934130 (0xFFFF7E72)
YUV	163.2030, -24.2571, 80.5060
Hunter-Lab	61.1528, 44.0020, 23.0177

Details

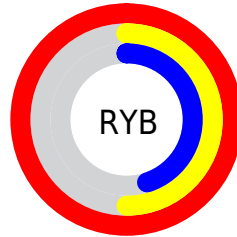
The XYZ color **51.7381, 37.3966, 20.4110** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.0379, 74.8943, 106.0571**, and the grayscale version is **34.9942, 36.8166, 40.0932**.

A 20% lighter version of the original color is **64.6468, 57.0609, 43.6830**, and **25.2931, 16.3655, 6.9800** is the 20% darker color. If you saturate the color by 10%, you get **47.8405, 31.6097, 12.9216**, and if you desaturate by 10%, it is **56.7375, 44.7402, 30.2639**.

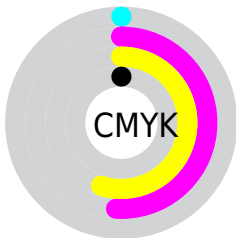
Distribution



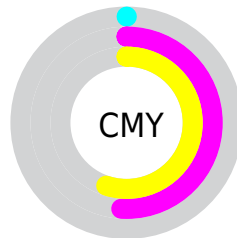
- Red (100%)
- Green (49%)
- Blue (45%)



- Red (100%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (51%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7381, 37.3966, 20.4110 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 51.7381, 37.3966, 20.4110 by changing the saturation by 10% instead.

51.7381, 37.3966,
20.4110

51.7381, 37.3966,
20.4110

383.7653,
335.0244, 266.8089

37.0198, 25.5147,
12.5071

91.9214, 71.1823,
44.9732

25.3966, 16.4609,
6.9633

118.1171, 93.8550,
62.4686

16.5031, 9.8509,
3.3611

148.8693,
120.8933, 83.9982

9.9739, 5.3002,
1.2818

184.5433,
152.6818, 109.9806

5.4438, 2.4245,
0.0468

225.5046,
189.6047, 140.8343

2.5473, 0.8384,
0.0000

272.1185,

0.9192, 0.0000,

232.0465, 176.9780

0.0000

324.7502,
280.3916, 218.8300

■ 0.0000, 0.0000,
0.0000

■ 51.7381, 37.3966,
20.4110

■ 51.7381, 37.3966,
20.4110

■ 47.8405, 31.6097,
12.9216

■ 56.7375, 44.7402,
30.2639

■ 44.9584, 27.2615,
7.5953

■ 62.9108, 53.7354,
42.6541

■ 42.9969, 24.2272,
4.2019

■ 70.3274, 64.4765,
57.7414

■ 41.8416, 22.3573,
2.4580

■ 79.0502, 77.0490,
75.6720

■ 41.5213, 21.8229,
2.0238

■ 89.1380, 91.5329,
96.5815

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.



54.9904, 37.3966, 39.3360



51.7381, 37.3966, 20.4110



44.0728, 37.3966, 11.4576

Triad

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



51.7381, 37.3966, 20.4110



22.7755, 37.3966, 21.9779



36.0349, 37.3966, 109.6916

Complementary

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



51.7381, 37.3966, 20.4110



57.0379, 74.8943, 106.0571

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.



28.1938, 37.3966, 99.0097



51.7381, 37.3966, 20.4110



21.3264, 37.3966, 42.1331

Square

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



51.7381, 37.3966, 20.4110



27.4753, 37.3966, 12.0687



23.1404, 37.3966, 71.3562



45.0562, 37.3966, 96.5024

Rectangle

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



51.7381, 37.3966, 20.4110



38.0179, 37.3966, 9.3579



23.1404, 37.3966, 71.3562



33.1805, 37.3966, 108.7580

Sweetspot

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



51.7390, 37.3986, 20.4117



77.4670, 74.7708, 72.4054



63.4726, 39.7810, 89.3249



16.1929, 15.4450, 14.6981



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.



51.7390, 37.3986, 20.4117



47.6048, 31.2567, 12.4768



64.0735, 62.0677, 24.5232



18.1337, 18.2355, 18.7084



21.7383, 11.4879, 1.0717



2.1571, 1.1995, 0.1178

Inverse Universe

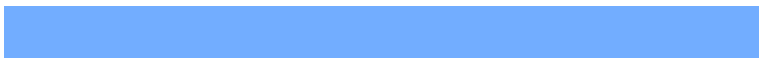
The Inverse Universe completely reimagines the original color for something new.



57.0379, 74.8943, 106.0571



53.3097, 71.9462, 105.6850



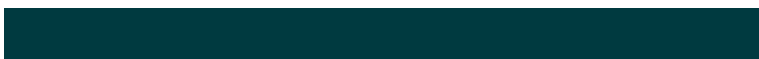
39.8853, 40.5890, 100.3396



18.4148, 20.2012, 23.1786



24.7545, 34.4185, 54.7733



2.4476, 3.4259, 5.3455

Previews

White Background



This preview shows how the XYZ color 51.7381, 37.3966, 20.4110 looks on a white background.

Color Contrast Check

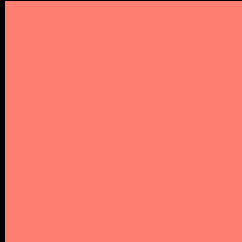
Large Text (above 18pt) WCAG AA × Fail

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 51.7381, 37.3966, 20.4110 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 51.7381, 37.3966, 20.4110

Background



This preview shows how black text looks on a background with the XYZ color 51.7381, 37.3966, 20.4110.



This preview shows how white text looks on a background with the XYZ color 51.7381, 37.3966,

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

51.7381, 37.3966, 20.4110

Protanopia

35.2311, 37.6629, 26.8855

Deuteranopia

38.2223, 37.5422, 19.4192



Tritanopia

52.6813, 37.3688, 26.6266

Trichromacy



Original Color

51.7381, 37.3966, 20.4110

Protanomaly

39.6701, 36.4513, 24.3470

Deuteranomaly

42.3068, 36.7436, 19.6143

Tritanomaly

52.3395, 37.4336, 24.2055

Monochromacy



Original Color

51.7381, 37.3966, 20.4110

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.7821, 35.5928, 31.6141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7381, 37.3966, 20.4110 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 114) }
```

Border

The CSS property to change the border of an element to XYZ 51.7381, 37.3966, 20.4110 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, 114) }
```


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

```
.border{ border-color:rgb(255, 126, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7381, 37.3966, 20.4110 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, 114) }
```

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

```
.background{ background-color: rgb(255,  
126, 114) }
```

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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