

Converting Colors

XYZ(50.6496, 35.7487, 18.4183)

Have a look what the booklet for
XYZ(50.6496, 35.7487, 18.4183)
contains.

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Color

**XYZ(50.6632, 35.7757,
18.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	FF786C
RGB	255, 120, 108
RGB Percent	100%, 47%, 42%
CMY	0.0000, 0.5294, 0.5765
CMYK	0.00, 0.53, 0.58, 0.00
HSL	5°, 100%, 71%
HSV	5°, 58%, 100%
XYZ	50.6632, 35.7757, 18.4225
YIQ	158.9970, 84.3120, 24.8880

Conversions

Conversions Part 2

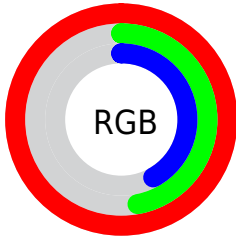
Format	Color
RYB	255, 121, 108
Decimal	16742508
CIELab	66.35, 50.45, 31.36
CIElCh	66, 59.407, 31.864
Yxy	35.7757, 0.4831, 0.3412
Android (android.graphics.Color)	4294932588 (0xFFFF786C)
YUV	158.9970, -25.1415, 84.1946
Hunter-Lab	59.8128, 46.5224, 23.6075

Details

The XYZ color **50.6632, 35.7757, 18.4225** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.2824, 74.5043, 106.0214**, and the grayscale version is **33.0389, 34.7595, 37.8530**.

A 20% lighter version of the original color is **62.9151, 54.4580, 40.4532**, and **24.7561, 15.5601, 5.9736** is the 20% darker color. If you saturate the color by 10%, you get **47.0189, 30.3509, 11.4631**, and if you desaturate by 10%, it is **55.3945, 42.7402, 27.7023**.

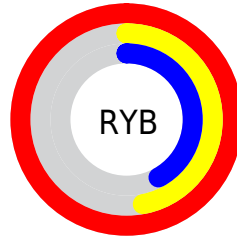
Distribution



Red (100%)

Green (47%)

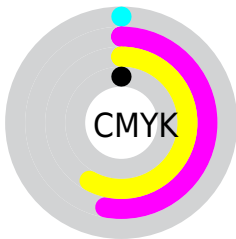
Blue (42%)



Red (100%)

Yellow (47%)

Blue (42%)

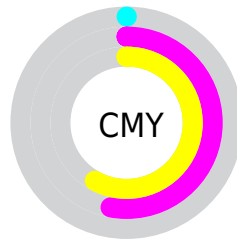


Cyan (0%)

Magenta (53%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6632, 35.7757, 18.4225 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 50.6632, 35.7757, 18.4225 by changing the saturation by 10% instead.


 50.6632, 35.7757,
18.4225


 50.6632, 35.7757,
18.4225


379.6631,
327.9791, 255.5574

 36.1606, 24.2610,
11.0812


 90.3427, 68.6857,
41.5796


 24.7289, 15.5274,
6.0066


 116.2503, 90.8499,
58.2324

 16.0029, 9.1903,
2.7802


 146.6902,
117.3326, 78.8261

 9.6170, 4.8655,
0.9835

 182.0279,
148.5183, 103.7793

 5.2061, 2.1686,
0.0000

222.6287,
184.7914, 133.5105

 2.4047, 0.7028,
0.0000

268.8579,

 0.8474, 0.0000,

226.5363, 168.4382

0.0000

321.0809,
274.1374, 208.9810

■ 0.0000, 0.0000,
0.0000

■ 50.6632, 35.7757,
18.4225

■ 50.6632, 35.7757,
18.4225

■ 47.0189, 30.3509,
11.4631

■ 55.3945, 42.7402,
27.7023

■ 44.3723, 26.3434,
6.6171

■ 61.2877, 51.3429,
39.4812

■ 42.6240, 23.6220,
3.6442

■ 68.4138, 61.6810,
53.9229

■ 41.6496, 22.0270,
2.2288

■ 76.8374, 73.8426,
71.1765

■ 41.5048, 21.7900,
2.0183

■ 86.6188, 87.9095,
91.3799

95.0497, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0819, 35.7757, 37.3847



50.6632, 35.7757, 18.4225



42.7072, 35.7757, 9.7877

Triad

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



50.6632, 35.7757, 18.4225



21.0606, 35.7757, 20.1459



34.5621, 35.7757, 111.1122

Complementary

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



50.6632, 35.7757, 18.4225



56.2824, 74.5043, 106.0214

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.



26.5712, 35.7757, 99.9396



50.6632, 35.7757, 18.4225



19.6346, 35.7757, 40.5659

Square

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



50.6632, 35.7757, 18.4225



25.7634, 35.7757, 10.4348



21.4667, 35.7757, 70.8884



43.8367, 35.7757, 96.9883

Rectangle

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



50.6632, 35.7757, 18.4225



36.4777, 35.7757, 7.8302



21.4667, 35.7757, 70.8884



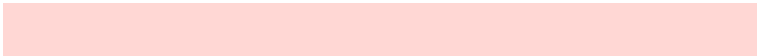
31.6442, 35.7757, 110.1770

Sweetspot

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



50.6641, 35.7776, 18.4231



77.4287, 74.6941, 72.3926



63.1143, 38.5899, 90.6680



16.1840, 15.4272, 14.6951



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.



50.6641, 35.7776, 18.4231



46.6047, 29.7284, 10.6885



62.6428, 59.7352, 22.4160



18.1286, 18.2253, 18.7067



21.7285, 11.4683, 1.0684



2.1547, 1.1947, 0.1170

Inverse Universe

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



56.2824, 74.5043, 106.0214



52.6237, 71.5746, 105.6495



38.9299, 39.7992, 100.2373



18.4205, 20.2125, 23.1805



24.8839, 34.6774, 54.8165



2.4589, 3.4484, 5.3493

Previews

White Background



This preview shows how the XYZ color 50.6632, 35.7757, 18.4225 looks on a white background.

Color Contrast Check

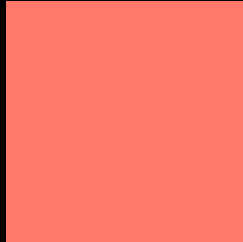
Large Text (above 18pt) WCAG AA × Fail

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 50.6632, 35.7757, 18.4225 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 50.6632, 35.7757, 18.4225

Background



This preview shows how black text looks on a background with the XYZ color 50.6632, 35.7757, 18.4225.



This preview shows how white text looks on a background with the XYZ color 50.6632, 35.7757,

18.4225.

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

50.6632, 35.7757, 18.4225

Protanopia

33.5240, 35.7668, 24.8754

Deuteranopia

36.4596, 35.6726, 17.5342



Tritanopia

51.4843, 35.7232, 23.9204

Trichromacy



Original Color

50.6632, 35.7757, 18.4225

Protanomaly

37.9658, 34.4462, 22.1005

Deuteranomaly

40.7870, 35.0972, 17.7214

Tritanomaly

51.1666, 35.7856, 21.6633

Monochromacy



Original Color

50.6632, 35.7757, 18.4225

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.1072, 33.6136, 29.3433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6632, 35.7757, 18.4225 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, 120, 108)` looks like.

```
.text, #text, p{  
  color:rgb(255, 120, 108)  
}
```

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, 120, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 108) }
```

Border

The CSS property to change the border of an element to XYZ 50.6632, 35.7757, 18.4225 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, 120, 108) }
```


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

```
.border{ border-color:rgb(255, 120, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6632, 35.7757, 18.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 108) }
```

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

```
.background{ background-color: rgb(255,  
120, 108) }
```

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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