

Converting Colors

XYZ(81.0989, 51.5918, 19.9761)

Have a look what the booklet for
XYZ(81.0989, 51.5918, 19.9761)
contains.

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Color

**XYZ(50.7841, 36.0175,
18.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	FF796C
RGB	255, 121, 108
RGB Percent	100%, 47%, 42%
CMY	0.0000, 0.5255, 0.5765
CMYK	0.00, 0.53, 0.58, 0.00
HSL	5°, 100%, 71%
HSV	5°, 58%, 100%
XYZ	50.7841, 36.0175, 18.4628
YIQ	159.5840, 84.0370, 24.3650

Conversions

Conversions Part 2

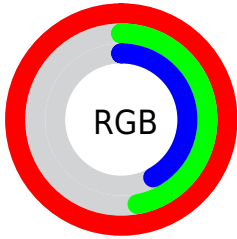
Format	Color
R_{YB}	255, 122, 108
Decimal	16742764
CIE _{Lab}	66.53, 49.98, 31.60
CIE _{LCh}	67, 59.131, 32.304
Yxy	36.0175, 0.4824, 0.3422
Android (android.graphics.Color)	4294932844 (0xFFFF796C)
YUV	159.5840, -25.4309, 83.6798
Hunter-Lab	60.0146, 46.0205, 23.7703

Details

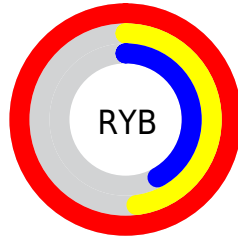
The XYZ color **50.7841, 36.0175, 18.4628** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.9840, 73.9074, 105.9220**, and the grayscale version is **33.3096, 35.0443, 38.1632**.

A 20% lighter version of the original color is **63.1105, 54.8487, 40.5183**, and **24.8151, 15.6780, 5.9932** is the 20% darker color. If you saturate the color by 10%, you get **47.1276, 30.5682, 11.4993**, and if you desaturate by 10%, it is **55.5195, 42.9902, 27.7439**.

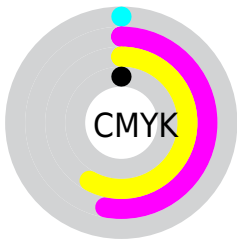
Distribution



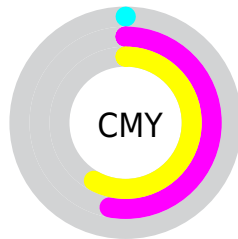
- Red (100%)
- Green (47%)
- Blue (42%)



- Red (100%)
- Yellow (48%)
- 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 50.7841, 36.0175, 18.4628 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 50.7841, 36.0175, 18.4628 by changing the saturation by 10% instead.


 50.7841, 36.0175,
18.4628


 50.7841, 36.0175,
18.4628

380.1259,
329.0370, 255.7900

 36.2572, 24.4477,
11.1099


 90.5204, 69.0591,
41.6489


 24.8039, 15.6661,
6.0257


 116.4606, 91.2997,
58.3192

 16.0590, 9.2882,
2.7917


 146.9358,
117.8659, 78.9323

 9.6570, 4.9296,
0.9893

 182.3115,
149.1424, 103.9069

 5.2327, 2.2060,
0.0000

222.9530,
185.5133, 133.6614

 2.4206, 0.7233,
0.0000

269.2256,

 0.8554, 0.0000,

227.3631, 168.6144

0.0000

321.4948,
275.0762, 209.1844

■ 0.0000, 0.0000,
0.0000

■ 50.7841, 36.0175,
18.4628

■ 50.7841, 36.0175,
18.4628

■ 47.1276, 30.5682,
11.4993

■ 55.5195, 42.9902,
27.7439

■ 44.4620, 26.5228,
6.6471

■ 61.4075, 51.5825,
39.5212

■ 42.6897, 23.7535,
3.6661

■ 68.5180, 61.8895,
53.9577

■ 41.6887, 22.1052,
2.2418

■ 76.9148, 73.9973,
71.2023

■ 41.5375, 21.8555,
2.0293

■ 86.6572, 87.9863,
91.3928

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.



54.2800, 36.0175, 37.2844



50.7841, 36.0175, 18.4628



42.7965, 36.0175, 9.9030

Triad

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



50.7841, 36.0175, 18.4628



21.2342, 36.0175, 20.6002



34.9243, 36.0175, 111.1561

Complementary

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



50.7841, 36.0175, 18.4628



55.9840, 73.9074, 105.9220

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.



26.8966, 36.0175, 100.3844



50.7841, 36.0175, 18.4628



19.8528, 36.0175, 41.2151

Square

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



50.7841, 36.0175, 18.4628



25.8973, 36.0175, 10.7090



21.7372, 36.0175, 71.5748



44.1905, 36.0175, 96.7519

Rectangle

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



50.7841, 36.0175, 18.4628



36.5710, 36.0175, 7.9809



21.7372, 36.0175, 71.5748



31.9979, 36.0175, 110.3551

Sweetspot

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



50.7850, 36.0194, 18.4634



77.5039, 74.8446, 72.4177



62.7422, 38.4411, 88.7087



16.2015, 15.4622, 14.7010



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.



50.7850, 36.0194, 18.4634



46.7111, 29.9413, 10.7240



63.1827, 60.8150, 22.5960



18.1386, 18.2453, 18.7100



21.7481, 11.5073, 1.0749



2.1594, 1.2041, 0.1186

Inverse Universe

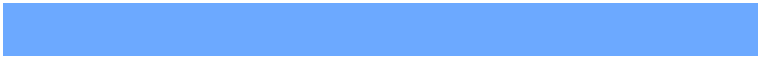
The Inverse Universe completely reimagines the original color for something new.



55.9840, 73.9074, 105.9220



52.2713, 70.8698, 105.5320



38.4689, 38.8773, 100.0836



18.4093, 20.1903, 23.1768



24.6307, 34.1711, 54.7321



2.4369, 3.4044, 5.3420

Previews

White Background



This preview shows how the XYZ color 50.7841, 36.0175, 18.4628 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 50.7841, 36.0175, 18.4628 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 50.7841, 36.0175, 18.4628

Background



This preview shows how black text looks on a background with the XYZ color 50.7841, 36.0175, 18.4628.



This preview shows how white text looks on a background with the XYZ color 50.7841, 36.0175,

18.4628.

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

50.7841, 36.0175, 18.4628

Protanopia

33.8556, 36.2056, 24.6060

Deuteranopia

36.8846, 36.1378, 17.6016



Tritanopia

51.6676, 35.9860, 24.3015

Trichromacy



Original Color

50.7841, 36.0175, 18.4628

Protanomaly

38.3921, 34.8959, 22.1649

Deuteranomaly

40.9364, 35.3961, 17.7713

Tritanomaly

51.3466, 36.0490, 22.0212

Monochromacy



Original Color

50.7841, 36.0175, 18.4628

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.5923, 34.0830, 29.7966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7841, 36.0175, 18.4628 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, 121, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 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, 121, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 108) }
```

Border

The CSS property to change the border of an element to XYZ 50.7841, 36.0175, 18.4628 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, 121, 108) }
```


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

```
.border{ border-color:rgb(255, 121, 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, 121, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7841, 36.0175, 18.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 108) }
```

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

```
.background{ background-color: rgb(255,  
121, 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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