

Converting Colors

XYZ(53.5386, 37.8977, 20.3239)

Have a look what the booklet for
XYZ(53.5386, 37.8977, 20.3239)
contains.

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Color

**XYZ(51.4849, 36.8902,
20.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C72
RGB	255, 124, 114
RGB Percent	100%, 49%, 45%
CMY	0.0000, 0.5137, 0.5529
CMYK	0.00, 0.51, 0.55, 0.00
HSL	4°, 100%, 72%
HSV	4°, 55%, 100%
XYZ	51.4849, 36.8902, 20.3266
YIQ	162.0290, 81.2860, 24.6620

Conversions

Conversions Part 2

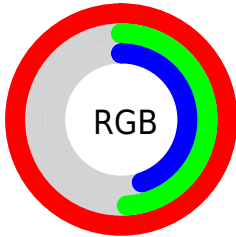
Format	Color
RYB	255, 125, 114
Decimal	16743538
CIELab	67.19, 48.99, 29.13
CIELCh	67, 56.996, 30.741
Yxy	36.8902, 0.4736, 0.3394
Android (android.graphics.Color)	4294933618 (0xFFFF7C72)
YUV	162.0290, -23.6783, 81.5356
Hunter-Lab	60.7373, 45.0180, 22.6739

Details

The XYZ color **51.4849, 36.8902, 20.3266** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.6397, 76.0978, 106.2577**, and the grayscale version is **34.4382, 36.2316, 39.4562**.

A 20% lighter version of the original color is **64.2430, 56.2534, 43.5484**, and **25.1658, 16.1111, 6.9376** is the 20% darker color. If you saturate the color by 10%, you get **47.6098, 31.1483, 12.8447**, and if you desaturate by 10%, it is **56.4794, 44.2239, 30.1778**.

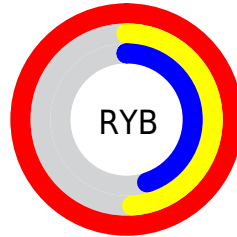
Distribution



Red (100%)

Green (49%)

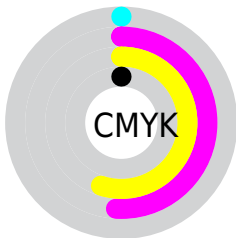
Blue (45%)



Red (100%)

Yellow (49%)

Blue (45%)

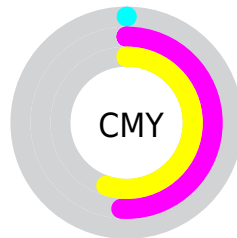


Cyan (0%)

Magenta (51%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4849, 36.8902, 20.3266 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 51.4849, 36.8902, 20.3266 by changing the saturation by 10% instead.


 51.4849, 36.8902,
20.3266

 51.4849, 36.8902,
20.3266


382.8015,
332.8349, 266.3402

 36.8173, 25.1225,
12.4462


 91.5499, 70.4039,
44.8302


 25.2391, 16.1683,
6.9221

 117.6779, 92.9186,
62.2906

 16.3849, 9.6434,
3.3357


 148.3568,
119.7845, 83.7813

 9.8895, 5.1631,
1.2685

 183.9519,
151.3860, 109.7210

 5.3875, 2.3433,
0.0358

224.8286,
188.1073, 140.5283

 2.5134, 0.7965,
0.0000

271.3522,

 0.9020, 0.0000,

230.3330, 176.6215

0.0000

323.8880,
278.4474, 218.4193

■ 0.0000, 0.0000,
0.0000

■ 51.4849, 36.8902,
20.3266

■ 51.4849, 36.8902,
20.3266

■ 47.6098, 31.1483,
12.8447

■ 56.4794, 44.2239,
30.1778

■ 44.7649, 26.8746,
7.5308

■ 62.6678, 53.2493,
42.5730

■ 42.8519, 23.9372,
4.1536

■ 70.1217, 64.0650,
57.6728

■ 41.7516, 22.1774,
2.4280

■ 78.9058, 76.7603,
75.6239

■ 41.4577, 21.6957,
2.0026

■ 89.0808, 91.4186,
96.5624

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.



54.5780, 36.8902, 39.5508



51.4849, 36.8902, 20.3266



43.8856, 36.8902, 11.2020

Triad

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



51.4849, 36.8902, 20.3266



22.4062, 36.8902, 21.0156



35.2798, 36.8902, 109.5863

Complementary

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



51.4849, 36.8902, 20.3266



57.6397, 76.0978, 106.2577

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.



27.5100, 36.8902, 98.0940



51.4849, 36.8902, 20.3266



20.8617, 36.8902, 40.7898

Square

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



51.4849, 36.8902, 20.3266



27.1925, 36.8902, 11.4685



22.5671, 36.8902, 69.9501



44.3222, 36.8902, 96.9748

Rectangle

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



51.4849, 36.8902, 20.3266



37.8223, 36.8902, 9.0201



22.5671, 36.8902, 69.9501



32.4413, 36.8902, 108.3806

Sweetspot

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



51.4858, 36.8922, 20.3273



77.3104, 74.4576, 72.3532



63.8304, 39.9241, 91.2088



16.1565, 15.3722, 14.6860



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.



51.4858, 36.8922, 20.3273



47.3763, 30.7997, 12.4006



63.5467, 61.0140, 24.3476



18.1129, 18.1939, 18.7015



21.7002, 11.4115, 1.0589



2.1472, 1.1798, 0.1146

Inverse Universe

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



57.6397, 76.0978, 106.2577



54.0197, 73.3662, 105.9217



40.3390, 41.4965, 100.4908



18.4380, 20.2477, 23.1863



25.2876, 35.4849, 54.9510



2.4939, 3.5185, 5.3610

Previews

White Background



This preview shows how the XYZ color 51.4849, 36.8902, 20.3266 looks on a white background.

Color Contrast Check

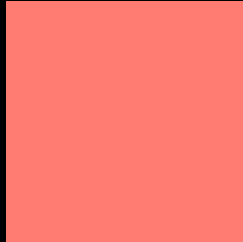
Large Text (above 18pt) WCAG AA × Fail

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 51.4849, 36.8902, 20.3266 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 51.4849, 36.8902, 20.3266

Background



This preview shows how black text looks on a background with the XYZ color 51.4849, 36.8902, 20.3266.

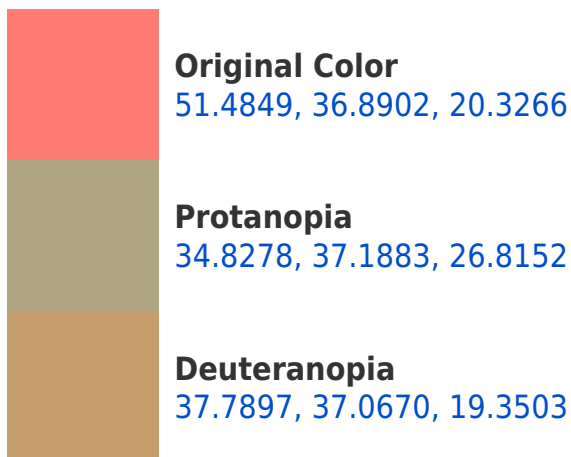


This preview shows how white text looks on a background with the XYZ color 51.4849, 36.8902,

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





Tritanopia

52.2963, 36.8178, 25.8230

Trichromacy



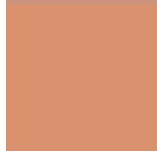
Original Color

51.4849, 36.8902, 20.3266



Protanomaly

39.0777, 35.6721, 24.2278



Deuteranomaly

41.8533, 36.2820, 19.5491



Tritanomaly

52.0246, 36.9066, 23.7837

Monochromacy



Original Color

51.4849, 36.8902, 20.3266



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

38.4657, 34.9599, 31.5086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4849, 36.8902, 20.3266 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, 124, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 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, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 114) }
```

Border

The CSS property to change the border of an element to XYZ 51.4849, 36.8902, 20.3266 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, 124, 114) }
```


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

```
.border{ border-color:rgb(255, 124, 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, 124, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4849, 36.8902, 20.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 114) }
```

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

```
.background{ background-color: rgb(255,  
124, 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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