

Converting Colors

XYZ(50.8129, 35.4547, 20.3850)

Have a look what the booklet for
XYZ(50.8129, 35.4547, 20.3850)
contains.

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Color

**XYZ(50.8129, 35.4547,
20.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7673
RGB	255, 118, 115
RGB Percent	100%, 46%, 45%
CMY	0.0000, 0.5372, 0.5490
CMYK	0.00, 0.54, 0.55, 0.00
HSL	1°, 100%, 73%
HSV	1°, 55%, 100%
XYZ	50.8129, 35.4547, 20.3850
YIQ	158.6210, 82.6150, 28.1110

Conversions

Conversions Part 2

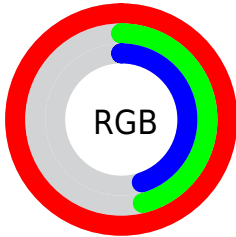
Format	Color
R_{YB}	255, 118, 115
Decimal	16742003
CIE _{Lab}	66.10, 51.92, 27.14
CIE _{LCh}	66, 58.584, 27.597
Yxy	35.4547, 0.4764, 0.3324
Android (android.graphics.Color)	4294932083 (0xFFFF7673)
YUV	158.6210, -21.5052, 84.5244
Hunter-Lab	59.5438, 48.1247, 21.3826

Details

The XYZ color **50.8129, 35.4547, 20.3850** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.9281, 80.4805, 106.9829**, and the grayscale version is **32.8515, 34.5623, 37.6384**.

A 20% lighter version of the original color is **63.1586, 53.9372, 43.6413**, and **24.7829, 15.2977, 6.9567** is the 20% darker color. If you saturate the color by 10%, you get **46.9833, 29.8282, 12.8430**, and if you desaturate by 10%, it is **55.8270, 42.8013, 30.3242**.

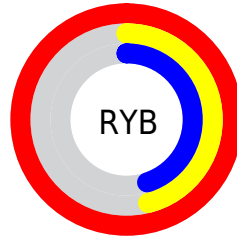
Distribution



Red (100%)

Green (46%)

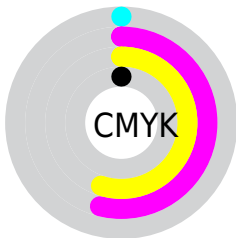
Blue (45%)



Red (100%)

Yellow (46%)

Blue (45%)

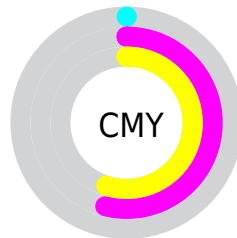


Cyan (0%)

Magenta (54%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8129, 35.4547, 20.3850 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 50.8129, 35.4547, 20.3850 by changing the saturation by 10% instead.


 50.8129, 35.4547,
20.3850


 50.8129, 35.4547,
20.3850

380.2361,
326.5708, 266.6646

 36.2802, 24.0133,
12.4884


 90.5628, 68.1896,
44.9292

 24.8218, 15.3435,
6.9506


 116.5106, 90.2519,
62.4137

 16.0723, 9.0608,
3.3533


 146.9943,
116.6233, 83.9314

 9.6665, 4.7809,
1.2777

182.3790,
147.6882, 109.9007

 5.2390, 2.1193,
0.0434

223.0302,
183.8310, 140.7401

 2.4243, 0.6754,
0.0000

269.3132,

 0.8573, 0.0000,

225.4361, 176.8682

0.0000

321.5934,
272.8879, 218.7035

■ 0.0000, 0.0000,
0.0000

■ 50.8129, 35.4547,
20.3850

■ 50.8129, 35.4547,
20.3850

■ 46.9833, 29.8282,
12.8430

■ 55.8270, 42.8013,
30.3242

■ 44.2386, 25.7769,
7.4945

■ 62.1093, 51.9862,
42.8377

■ 42.4672, 23.1419,
4.1050

■ 69.7391, 63.1238,
58.0882

■ 41.5320, 21.7281,
2.3858

■ 78.7882, 76.3177,
76.2244

■ 41.2992, 21.3788,
1.9498

■ 89.3237, 91.6640,
97.3843

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.



53.3381, 35.4547, 40.6485



50.8129, 35.4547, 20.3850



43.4860, 35.4547, 10.6297

Triad

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



50.8129, 35.4547, 20.3850



21.4513, 35.4547, 18.1948



33.0019, 35.4547, 109.0240

Complementary

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



50.8129, 35.4547, 20.3850



59.9281, 80.4805, 106.9829

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.



25.5024, 35.4547, 94.8599



50.8129, 35.4547, 20.3850



19.5906, 35.4547, 36.6295

Square

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



50.8129, 35.4547, 20.3850



26.5250, 35.4547, 9.8018



20.9363, 35.4547, 65.3375



42.0615, 35.4547, 98.5660

Rectangle

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



50.8129, 35.4547, 20.3850



37.4225, 35.4547, 8.1644



20.9363, 35.4547, 65.3375



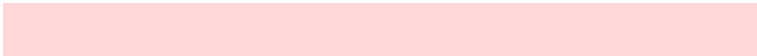
30.2304, 35.4547, 106.8874

Sweetspot

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



50.8138, 35.4566, 20.3856



77.7231, 74.7651, 74.0870



65.0470, 40.5922, 97.0565



16.2188, 15.3948, 15.0211



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.



50.8138, 35.4566, 20.3856



46.6309, 29.3089, 12.1522



62.1755, 58.1800, 24.1729



18.0407, 18.0495, 18.6774



21.5934, 11.1980, 1.0233



2.1130, 1.1114, 0.1031

Inverse Universe

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



59.9281, 80.4805, 106.9829



56.5699, 78.4666, 106.7718



41.9851, 44.5946, 101.0019



18.5194, 20.4105, 23.2135



27.2318, 39.3733, 55.5991



2.6617, 3.8541, 5.4169

Previews

White Background



This preview shows how the XYZ color 50.8129, 35.4547, 20.3850 looks on a white background.

Color Contrast Check

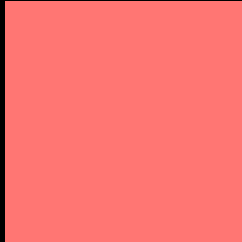
Large Text (above 18pt) WCAG AA × Fail

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 50.8129, 35.4547, 20.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

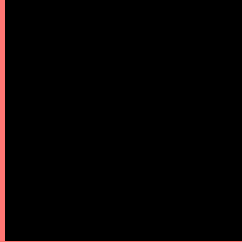
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8129, 35.4547, 20.3850

Background



This preview shows how black text looks on a background with the XYZ color 50.8129, 35.4547, 20.3850.



This preview shows how white text looks on a background with the XYZ color 50.8129, 35.4547,

20.3850.

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

50.8129, 35.4547, 20.3850

Protanopia

33.6255, 35.7570, 27.6838

Deuteranopia

36.3082, 35.5528, 19.4167



Tritanopia

51.3030, 35.4632, 23.5432

Trichromacy



Original Color

50.8129, 35.4547, 20.3850

Protanomaly

38.0436, 34.2006, 24.6749

Deuteranomaly

40.7130, 34.7964, 19.6095

Tritanomaly

51.0525, 35.3631, 22.2241

Monochromacy



Original Color

50.8129, 35.4547, 20.3850

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.1793, 33.3990, 30.4737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8129, 35.4547, 20.3850 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, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 115)  
}
```

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, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 115) }
```

Border

The CSS property to change the border of an element to XYZ 50.8129, 35.4547, 20.3850 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, 118, 115) }
```


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

```
.border{ border-color:rgb(255, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8129, 35.4547, 20.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 115) }
```

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

```
.background{ background-color: rgb(255,  
118, 115) }
```

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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