

Converting Colors

XYZ(50.8152, 35.0827, 21.5461)

Have a look what the booklet for
XYZ(50.8152, 35.0827, 21.5461)
contains.

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Color

**XYZ(50.8152, 35.0827,
21.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7477
RGB	255, 116, 119
RGB Percent	100%, 45%, 47%
CMY	0.0000, 0.5451, 0.5333
CMYK	0.00, 0.55, 0.53, 0.00
HSL	359°, 100%, 73%
HSV	359°, 55%, 100%
XYZ	50.8152, 35.0827, 21.5461
YIQ	157.9030, 81.8810, 30.4010

Conversions

Conversions Part 2

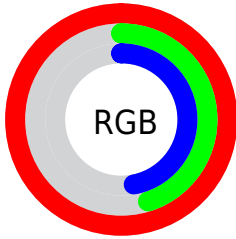
Format	Color
R _Y B	255, 116, 119
Decimal	16741495
CIE Lab	65.81, 53.17, 24.51
CIE LCh	66, 58.545, 24.750
Yxy	35.0827, 0.4729, 0.3265
Android (android.graphics.Color)	4294931575 (0xFFFF7477)
YUV	157.9030, -19.1792, 85.1541
Hunter-Lab	59.2307, 49.4852, 19.8938

Details

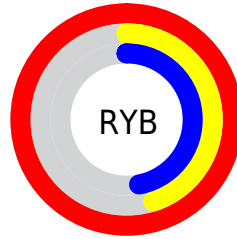
The XYZ color **50.8152, 35.0827, 21.5461** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.5353, 82.2621, 104.7891**, and the grayscale version is **32.5148, 34.2081, 37.2526**.

A 20% lighter version of the original color is **63.3432, 53.7053, 45.5557**, and **24.7984, 15.1299, 7.5746** is the 20% darker color. If you saturate the color by 10%, you get **46.9617, 29.4674, 13.8140**, and if you desaturate by 10%, it is **55.8703, 42.4721, 31.6195**.

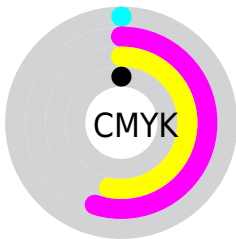
Distribution



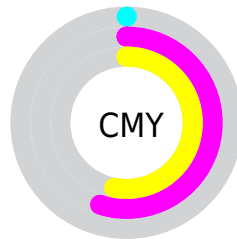
- Red (100%)
- Green (45%)
- Blue (47%)



- Red (100%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8152, 35.0827, 21.5461 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 50.8152, 35.0827, 21.5461 by changing the saturation by 10% instead.


 50.8152, 35.0827,
21.5461


 50.8152, 35.0827,
21.5461

380.2449,
324.9332, 273.0424

 36.2820, 23.7266,
13.3286


 90.5662, 67.6139,
46.8872

 24.8232, 15.1309,
7.5219


 116.5146, 89.5577,
64.8479

 16.0734, 8.9113,
3.7072


 146.9989,
115.7996, 86.8934

 9.6673, 4.6834,
1.4661

182.3844,
146.7239, 113.4423

 5.2395, 2.0627,
0.1925

223.0363,
182.7150, 144.9131

 2.4246, 0.6435,
0.0000

269.3202,

 0.8574, 0.0000,

224.1573, 181.7244

0.0000

321.6012,
271.4353, 224.2946

■ 0.0000, 0.0000,
0.0000

■ 50.8152, 35.0827,
21.5461

■ 50.8152, 35.0827,
21.5461

■ 46.9617, 29.4674,
13.8140

■ 55.8703, 42.4721,
31.6195

■ 44.2079, 25.4724,
8.2330

■ 62.2124, 51.7613,
44.2002

■ 42.4396, 22.9276,
4.5861

■ 69.9225, 63.0713,
59.4415

■ 41.5163, 21.6219,
2.6102

■ 79.0739, 76.5112,
77.4836

■ 41.2700, 21.2720,
2.0884

■ 89.7348, 92.1826,
98.4570

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



52.7676, 35.0827, 42.7185



50.8152, 35.0827, 21.5461



43.8777, 35.0827, 11.0350

Triad

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



50.8152, 35.0827, 21.5461



21.5383, 35.0827, 16.7990



31.8484, 35.0827, 107.8344

Complementary

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



50.8152, 35.0827, 21.5461



60.5353, 82.2621, 104.7891

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.



24.6492, 35.0827, 91.6933



50.8152, 35.0827, 21.5461



19.3906, 35.0827, 34.0103

Square

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



50.8152, 35.0827, 21.5461



26.8642, 35.0827, 9.2404



20.4226, 35.0827, 61.7722



40.7924, 35.0827, 99.7188

Rectangle

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



50.8152, 35.0827, 21.5461



37.9069, 35.0827, 8.2334



20.4226, 35.0827, 61.7722



29.1648, 35.0827, 104.9144

Sweetspot

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



50.8161, 35.0846, 21.5467



77.6130, 74.3648, 74.6060



63.8522, 40.1045, 98.9830



16.1931, 15.3012, 15.1425



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.



50.8161, 35.0846, 21.5467



46.8010, 29.2335, 13.4898



60.8904, 55.5164, 24.0320



18.0252, 17.9934, 18.7501



21.5713, 11.1178, 1.1273



2.1056, 1.0846, 0.1378

Inverse Universe

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



50.8161, 35.0846, 21.5467



46.8010, 29.2335, 13.4898



43.6967, 47.8199, 101.5346



18.0252, 17.9934, 18.7501



21.5713, 11.1178, 1.1273



2.1056, 1.0846, 0.1378

Previews

White Background



This preview shows how the XYZ color 50.8152, 35.0827, 21.5461 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 50.8152, 35.0827, 21.5461 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 50.8152, 35.0827, 21.5461

Background



This preview shows how black text looks on a background with the XYZ color 50.8152, 35.0827, 21.5461.



This preview shows how white text looks on a background with the XYZ color 50.8152, 35.0827,

21.5461.

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

50.8152, 35.0827, 21.5461

Protanopia

33.3795, 35.3305, 29.4863

Deuteranopia

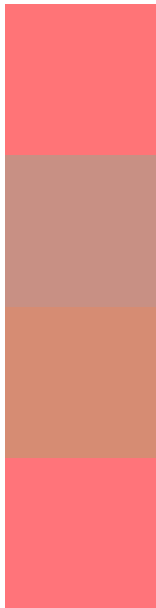
35.8577, 35.0511, 20.4984



Tritanopia

51.0605, 35.1808, 22.8383

Trichromacy



Original Color

50.8152, 35.0827, 21.5461

Protanomaly

37.9575, 33.8918, 26.3710

Deuteranomaly

40.2042, 34.2901, 20.7193

Tritanomaly

50.9982, 35.1559, 22.5102

Monochromacy



Original Color

50.8152, 35.0827, 21.5461

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.8488, 32.9960, 30.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8152, 35.0827, 21.5461 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, 116, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 119)  
}
```

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, 116, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 119) }
```

Border

The CSS property to change the border of an element to XYZ 50.8152, 35.0827, 21.5461 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, 116, 119) }
```


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

```
.border{ border-color:rgb(255, 116, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8152, 35.0827, 21.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 119) }
```

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

```
.background{ background-color: rgb(255,  
116, 119) }
```

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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