

Converting Colors

XYZ(65.8153, 45.3363, 30.6215)

Have a look what the booklet for
XYZ(65.8153, 45.3363, 30.6215)
contains.

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Color

**XYZ(54.1640, 39.4157,
29.9525)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF838D |
| RGB | 255, 131, 141 |
| RGB Percent | 100%, 51%, 55% |
| CMY | 0.0000, 0.4862, 0.4471 |
| CMYK | 0.00, 0.49, 0.45, 0.00 |
| HSL | 355°, 100%, 76% |
| HSV | 355°, 49%, 100% |
| XYZ | 54.1640, 39.4157, 29.9525 |
| YIQ | 169.2160, 70.6940, 29.3980 |

Conversions

Conversions Part 2

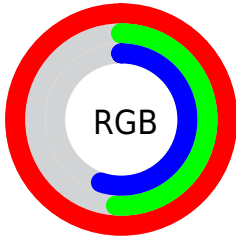
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 131, 141 |
| Decimal | 16745357 |
| CIE Lab | 69.05, 47.93, 16.57 |
| CIE LCh | 69, 50.716, 19.066 |
| Yxy | 39.4157, 0.4385, 0.3191 |
| Android (android.graphics.Color) | 4294935437 (0xFFFF838D) |
| YUV | 169.2160, -13.9105, 75.2326 |
| Hunter-Lab | 62.7819, 44.1294, 15.6608 |

Details

The XYZ color **54.1640, 39.4157, 29.9525** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6036, 82.9387, 99.1534**, and the grayscale version is **37.8624, 39.8342, 43.3794**.

A 20% lighter version of the original color is **68.6492, 60.3179, 59.6541**, and **26.7903, 17.5324, 11.8696** is the 20% darker color. If you saturate the color by 10%, you get **49.5870, 32.7643, 20.7122**, and if you desaturate by 10%, it is **59.9549, 47.9041, 41.4198**.

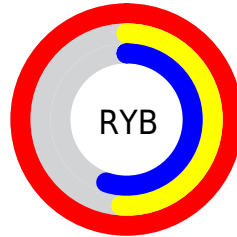
Distribution



Red (100%)

Green (51%)

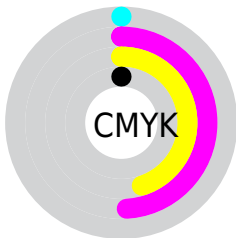
Blue (55%)



Red (100%)

Yellow (51%)

Blue (55%)

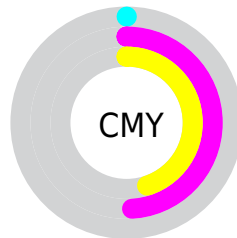


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1640, 39.4157, 29.9525 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 54.1640, 39.4157, 29.9525 by changing the saturation by 10% instead.


 54.1640, 39.4157,
29.9525

 54.1640, 39.4157,
29.9525


392.9232,
343.6546, 315.8834


 38.9640, 27.0833,
19.5508


 95.4705, 74.2729,
60.6472

 26.9123, 17.6358,
11.8881


 122.3077, 97.5665,
81.7772

 17.6436, 10.6888,
6.5459


 153.7546,
125.2826, 107.3204

 10.7926, 5.8580,
3.1057

190.1767,
157.8057, 137.6954

 5.9938, 2.7589,
1.1488

231.9392,
195.5200, 173.3206

 2.8819, 1.0072,
0.0000

279.4076,

 1.0916, 0.0000,

238.8100, 214.6147

0.0000

332.9471,
288.0601, 261.9961

■ 0.0181, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1640, 39.4157,
29.9525

■ 54.1640, 39.4157,
29.9525

■ 49.5870, 32.7643,
20.7122

■ 59.9549, 47.9041,
41.4198

■ 46.1345, 27.8086,
13.5519

■ 67.0347, 58.3451,
55.2437

■ 43.7095, 24.3965,
8.3105

■ 75.4759, 70.8520,
71.5464

■ 42.1970, 22.3461,
4.8020

■ 85.3446, 85.5275,
90.4411

■ 41.4405, 21.4011, 95.0499, 99.9999,
2.7987 108.9000

■ 41.3711, 21.3124,
2.6211

Harmonies

Analogous

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



54.8970, 39.4157, 51.9292



54.1640, 39.4157, 29.9525



48.6017, 39.4157, 17.3007

Triad

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



54.1640, 39.4157, 29.9525



26.9021, 39.4157, 19.8538



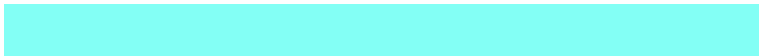
34.5910, 39.4157, 103.1650

Complementary

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



54.1640, 39.4157, 29.9525



61.6036, 82.9387, 99.1534

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.



28.1719, 39.4157, 86.1126



54.1640, 39.4157, 29.9525



24.1771, 39.4157, 35.0129

Square

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



54.1640, 39.4157, 29.9525



32.6105, 39.4157, 13.0889



24.6058, 39.4157, 59.1682



42.7755, 39.4157, 100.2597

Rectangle

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



54.1640, 39.4157, 29.9525



43.2978, 39.4157, 13.3151



24.6058, 39.4157, 59.1682



32.1783, 39.4157, 99.3883

Sweetspot

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



54.1650, 39.4177, 29.9532



78.8846, 75.9154, 78.0895



63.7074, 42.8073, 99.5124



16.4553, 15.6112, 15.8909



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.



54.1650, 39.4177, 29.9532



49.8391, 33.1286, 21.2267



62.2029, 56.6303, 29.1278



18.0688, 18.0108, 18.9794



21.6380, 11.1445, 1.4782



2.1263, 1.0929, 0.2464

Inverse Universe

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



54.1650, 39.4177, 29.9532



49.8391, 33.1286, 21.2267



48.8467, 54.9168, 102.6330



18.0688, 18.0108, 18.9794



21.6380, 11.1445, 1.4782



2.1263, 1.0929, 0.2464

Previews

White Background



This preview shows how the XYZ color 54.1640, 39.4157, 29.9525 looks on a white background.

Color Contrast Check

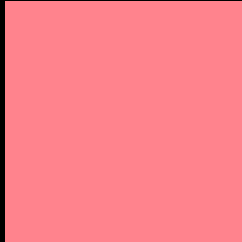
Large Text (above 18pt) WCAG AA × Fail

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 54.1640, 39.4157, 29.9525 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 54.1640, 39.4157, 29.9525

Background



This preview shows how black text looks on a background with the XYZ color 54.1640, 39.4157, 29.9525.



This preview shows how white text looks on a background with the XYZ color 54.1640, 39.4157,

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

54.1640, 39.4157, 29.9525

Protanopia

37.8034, 39.5420, 38.8976

Deuteranopia

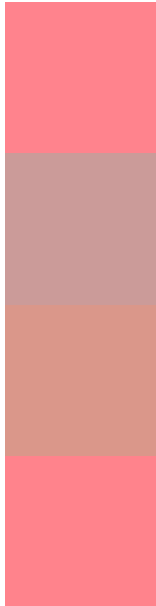
40.3902, 39.4886, 28.7858



Tritanopia

54.0899, 39.3860, 29.5624

Trichromacy



Original Color

54.1640, 39.4157, 29.9525

Protanomaly

42.0997, 38.4391, 35.3376

Deuteranomaly

44.5675, 38.8736, 29.1992

Tritanomaly

54.0899, 39.3860, 29.5624

Monochromacy



Original Color

54.1640, 39.4157, 29.9525

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.7988, 38.2253, 37.9761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1640, 39.4157, 29.9525 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, 131, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 141)  
}
```

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, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 141) }
```

Border

The CSS property to change the border of an element to XYZ 54.1640, 39.4157, 29.9525 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, 131, 141) }
```


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

```
.border{ border-color:rgb(255, 131, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1640, 39.4157, 29.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 141) }
```

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

```
.background{ background-color: rgb(255,  
131, 141) }
```

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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