

Converting Colors

XYZ(60.3551, 40.7494, 35.5811)

Have a look what the booklet for
XYZ(60.3551, 40.7494, 35.5811)
contains.

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Color

**XYZ(54.1159, 37.5456,
35.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A9B
RGB	255, 122, 155
RGB Percent	100%, 48%, 61%
CMY	0.0000, 0.5215, 0.3922
CMYK	0.00, 0.52, 0.39, 0.00
HSL	345°, 100%, 74%
HSV	345°, 52%, 100%
XYZ	54.1159, 37.5456, 35.4052
YIQ	165.5290, 68.6750, 38.4590

Conversions

Conversions Part 2

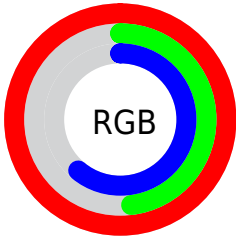
Format	Color
R_{YB}	255, 122, 155
Decimal	16743067
CIE Lab	67.68, 53.70, 6.75
CIE LCh	68, 54.126, 7.167
Yxy	37.5456, 0.4259, 0.2955
Android (android.graphics.Color)	4294933147 (0xFFFF7A9B)
YUV	165.5290, -5.1908, 78.4661
Hunter-Lab	61.2745, 50.4159, 8.6336

Details

The XYZ color **54.1159, 37.5456, 35.4052** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.9728, 80.9323, 81.7307**, and the grayscale version is **36.0206, 37.8965, 41.2692**.

A 20% lighter version of the original color is **68.6690, 57.7042, 67.8404**, and **26.7540, 16.4831, 14.8682** is the 20% darker color. If you saturate the color by 10%, you get **49.9009, 31.4913, 26.6765**, and if you desaturate by 10%, it is **59.4098, 45.3485, 45.7557**.

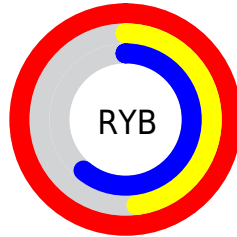
Distribution



Red (100%)

Green (48%)

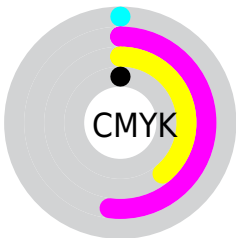
Blue (61%)



Red (100%)

Yellow (48%)

Blue (61%)

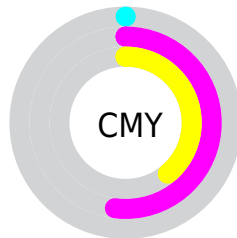


Cyan (0%)

Magenta (52%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1159, 37.5456, 35.4052 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 54.1159, 37.5456, 35.4052 by changing the saturation by 10% instead.


 54.1159, 37.5456,
35.4052


 54.1159, 37.5456,
35.4052


392.7430,
335.6667, 341.3117


 38.9254, 25.6302,
23.6891


 95.4003, 71.4111,
69.2717

 26.8821, 16.5472,
14.8931


 122.2249, 94.1300,
92.2592

 17.6209, 9.9122,
8.5986


 153.6582,
121.2189, 119.8409

 10.7762, 5.3408,
4.3871

190.0655,
153.0622, 152.4354

 5.9827, 2.4486,
1.8400

231.8124,
190.0442, 190.4612

 2.8751, 0.8507,
0.4542

279.2640,

 1.0881, 0.0000,

232.5493, 234.3368

0.0000

332.7857,
280.9620, 284.4808

■ 0.0151, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1159, 37.5456,
35.4052

■ 54.1159, 37.5456,
35.4052

■ 49.9009, 31.4913,
26.6765

■ 59.4098, 45.3485,
45.7557

■ 46.6842, 27.0437,
19.4823

■ 65.8496, 55.0159,
57.8047

■ 44.3779, 24.0478,
13.7295

■ 73.5000, 66.6605,
71.6264

■ 42.8764, 22.3150,
9.3127

■ 82.4201, 80.3844,
87.2897

■ 42.1445, 21.6218,
6.6932

■ 92.6649, 96.2825,
104.8600

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



52.6338, 37.5456, 61.4590



54.1159, 37.5456, 35.4052



50.0793, 37.5456, 18.9091

Triad

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



54.1159, 37.5456, 35.4052



26.8339, 37.5456, 14.0859



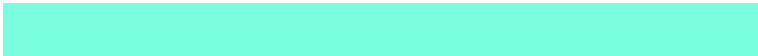
29.8081, 37.5456, 99.6335

Complementary

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



54.1159, 37.5456, 35.4052



56.9728, 80.9323, 81.7307

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.



24.3542, 37.5456, 75.4513



54.1159, 37.5456, 35.4052



22.8334, 37.5456, 25.5004

Square

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



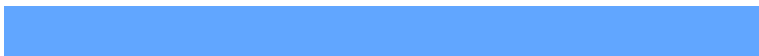
54.1159, 37.5456, 35.4052



33.7190, 37.5456, 10.1150



22.0022, 37.5456, 46.8937



37.7280, 37.5456, 105.6279

Rectangle

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



54.1159, 37.5456, 35.4052



45.1239, 37.5456, 13.1277



22.0022, 37.5456, 46.8937



27.6653, 37.5456, 93.0050

Sweetspot

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



54.1169, 37.5475, 35.4059



78.8355, 74.8537, 81.0432



55.0587, 36.6314, 98.7763



16.4804, 15.4161, 16.6555



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.



54.1169, 37.5475, 35.4059



49.5913, 31.0547, 26.0096



56.5172, 46.1932, 24.3523



18.1942, 18.0610, 19.6396



22.0709, 11.3177, 3.7580



2.1903, 1.1185, 0.5835

Inverse Universe

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



54.1169, 37.5475, 35.4059



49.5913, 31.0547, 26.0096



52.1325, 63.4689, 104.1107



18.1942, 18.0610, 19.6396



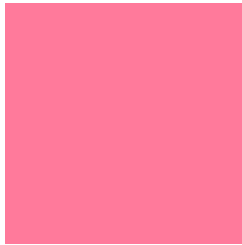
22.0709, 11.3177, 3.7580



2.1903, 1.1185, 0.5835

Previews

White Background



This preview shows how the XYZ color 54.1159, 37.5456, 35.4052 looks on a white background.

Color Contrast Check

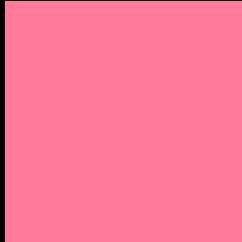
Large Text (above 18pt) WCAG AA × Fail

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 54.1159, 37.5456, 35.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

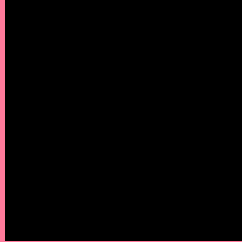
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1159, 37.5456, 35.4052

Background



This preview shows how black text looks on a background with the XYZ color 54.1159, 37.5456, 35.4052.



This preview shows how white text looks on a background with the XYZ color 54.1159, 37.5456,

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

54.1159, 37.5456, 35.4052

Protanopia

36.7220, 37.6981, 47.9888

Deuteranopia

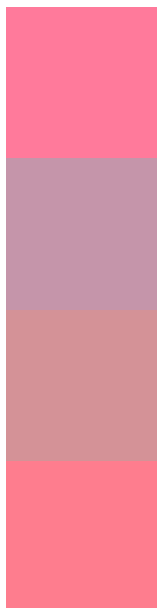
38.3165, 37.5310, 33.6585



Tritanopia

52.3420, 37.5536, 27.4115

Trichromacy



Original Color

54.1159, 37.5456, 35.4052

Protanomaly

41.0291, 36.2675, 42.8681

Deuteranomaly

43.0162, 36.7892, 34.1120

Tritanomaly

53.0892, 37.6911, 30.0682

Monochromacy



Original Color

54.1159, 37.5456, 35.4052

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.7166, 36.4271, 39.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1159, 37.5456, 35.4052 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, 122, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 155)  
}
```

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, 122, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 155) }
```

Border

The CSS property to change the border of an element to XYZ 54.1159, 37.5456, 35.4052 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, 122, 155) }
```


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

```
.border{ border-color:rgb(255, 122, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1159, 37.5456, 35.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 155) }
```

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

```
.background{ background-color: rgb(255,  
122, 155) }
```

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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