

Converting Colors

XYZ(62.5672, 45.1474, 34.8488)

Have a look what the booklet for
XYZ(62.5672, 45.1474, 34.8488)
contains.

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Color

**XYZ(55.9144, 41.6713,
34.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A97
RGB	255, 138, 151
RGB Percent	100%, 54%, 59%
CMY	0.0000, 0.4588, 0.4078
CMYK	0.00, 0.46, 0.41, 0.00
HSL	353°, 100%, 77%
HSV	353°, 46%, 100%
XYZ	55.9144, 41.6713, 34.3745
YIQ	174.4650, 65.5590, 28.8470

Conversions

Conversions Part 2

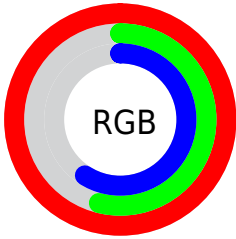
Format	Color
R _Y B	255, 138, 151
Decimal	16747159
CIE Lab	70.64, 45.49, 13.20
CIE LCh	71, 47.366, 16.185
Yxy	41.6713, 0.4237, 0.3158
Android (android.graphics.Color)	4294937239 (0xFFFF8A97)
YUV	174.4650, -11.5682, 70.6292
Hunter-Lab	64.5533, 41.6438, 13.6155

Details

The XYZ color **55.9144, 41.6713, 34.3745** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2704, 83.3350, 96.8126**, and the grayscale version is **40.5065, 42.6160, 46.4089**.

A 20% lighter version of the original color is **71.3294, 63.8077, 66.3143**, and **28.0544, 19.0192, 14.2490** is the 20% darker color. If you saturate the color by 10%, you get **51.0085, 34.5279, 24.5133**, and if you desaturate by 10%, it is **62.0351, 50.6780, 46.3875**.

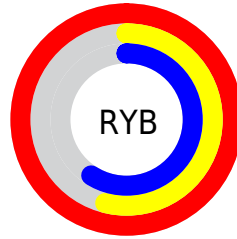
Distribution



Red (100%)

Green (54%)

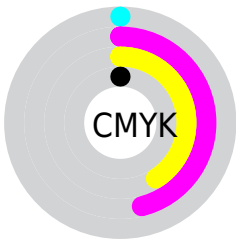
Blue (59%)



Red (100%)

Yellow (54%)

Blue (59%)

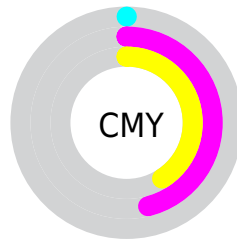


Cyan (0%)

Magenta (46%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9144, 41.6713, 34.3745 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 55.9144, 41.6713, 34.3745 by changing the saturation by 10% instead.


 55.9144, 41.6713,
34.3745


 55.9144, 41.6713,
34.3745


399.4491,
353.1185, 336.6187


 40.3710, 28.8440,
22.9018

 98.0199, 77.7019,
67.6562

 28.0134, 18.9628,
14.3164


 125.3128,
101.6740, 90.3022

 18.4763, 11.6434,
8.1998


 157.2529,
130.1298, 117.5097

 11.3942, 6.5014,
4.1334

194.2056,
163.4538, 149.6972

 6.4019, 3.1523,
1.6988

236.5362,
202.0302, 187.2834

 3.1339, 1.2117,
0.3599

284.6101,

 1.2250, 0.0713,

246.2435, 230.6866

0.0000

338.7926,
296.4782, 280.3256

■ 0.1260, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9144, 41.6713,
34.3745

■ 55.9144, 41.6713,
34.3745

■ 51.0085, 34.5279,
24.5133

■ 62.0351, 50.6780,
46.3875

■ 47.2329, 29.1112,
16.6742

■ 69.4413, 61.6592,
60.6671

■ 44.4972, 25.2764,
10.7167

■ 78.2019, 74.7250,
77.3226

■ 42.6954, 22.8519,
6.4814

■ 88.3800, 89.9755,
96.4555

■ 41.6985, 21.6259, 95.0500, 100.0000,
3.7817 108.9000

■ 41.4535, 21.3454,
3.0541

Harmonies

Analogous

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



56.1177, 41.6713, 56.4787



55.9144, 41.6713, 34.3745



50.9837, 41.6713, 20.8118

Triad

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



55.9144, 41.6713, 34.3745



29.6979, 41.6713, 21.5718



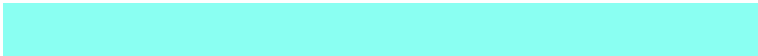
36.1167, 41.6713, 101.5126

Complementary

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



55.9144, 41.6713, 34.3745



62.2704, 83.3350, 96.8126

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.



30.0632, 41.6713, 84.1847



55.9144, 41.6713, 34.3745



26.7016, 41.6713, 35.8278

Square

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



55.9144, 41.6713, 34.3745



35.5534, 41.6713, 15.2644



26.8258, 41.6713, 58.4980



43.9582, 41.6713, 100.7241

Rectangle

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



55.9144, 41.6713, 34.3745



46.0092, 41.6713, 16.2344



26.8258, 41.6713, 58.4980



33.8286, 41.6713, 97.4185

Sweetspot

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



55.9155, 41.6734, 34.3753



80.0049, 77.4217, 80.7267



63.5350, 44.1616, 99.7831



16.6822, 15.9102, 16.4440



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.



55.9155, 41.6734, 34.3753



51.3935, 35.0850, 25.2976



62.7314, 56.9021, 31.7244



18.0914, 18.0199, 19.0984



21.6864, 11.1639, 1.7331



2.1369, 1.0971, 0.3025

Inverse Universe

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



55.9155, 41.6734, 34.3753



51.3935, 35.0850, 25.2976



51.6167, 58.7925, 103.2353



18.0914, 18.0199, 19.0984



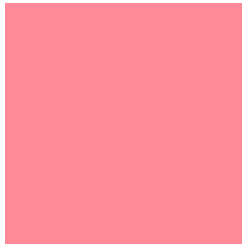
21.6864, 11.1639, 1.7331



2.1369, 1.0971, 0.3025

Previews

White Background



This preview shows how the XYZ color 55.9144, 41.6713, 34.3745 looks on a white background.

Color Contrast Check

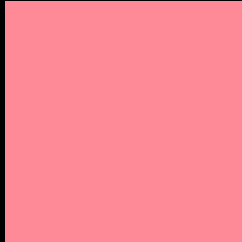
Large Text (above 18pt) WCAG AA × Fail

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 55.9144, 41.6713, 34.3745 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 55.9144, 41.6713, 34.3745

Background



This preview shows how black text looks on a background with the XYZ color 55.9144, 41.6713, 34.3745.



This preview shows how white text looks on a background with the XYZ color 55.9144, 41.6713,

34.3745.

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

55.9144, 41.6713, 34.3745

Protanopia

40.0454, 41.7167, 43.4776

Deuteranopia

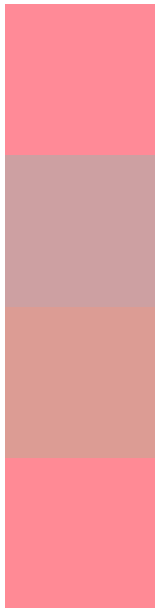
42.8264, 41.9921, 33.0422



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

55.9144, 41.6713, 34.3745

Protanomaly

44.2692, 40.7294, 39.7107

Deuteranomaly

46.7490, 41.1307, 33.4921

Tritanomaly

55.7533, 41.6069, 33.5262

Monochromacy



Original Color

55.9144, 41.6713, 34.3745

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

44.2564, 40.9394, 41.6459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9144, 41.6713, 34.3745 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, 138, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 151)  
}
```

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, 138, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 151) }
```

Border

The CSS property to change the border of an element to XYZ 55.9144, 41.6713, 34.3745 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, 138, 151) }
```


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

```
.border{ border-color:rgb(255, 138, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9144, 41.6713, 34.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 151) }
```

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

```
.background{ background-color: rgb(255,  
138, 151) }
```

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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