

Converting Colors

$Y_{xy}(34.5143, 0.4592, 0.3095)$

Have a look what the booklet for
Yxy(34.5143, 0.4592, 0.3095)
contains.

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Color

Yxy(34.5143, 0.4592, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	FF7084
RGB	255, 112, 132
RGB Percent	100%, 44%, 52%
CMY	0.0000, 0.5609, 0.4823
CMYK	0.00, 0.56, 0.48, 0.00
HSL	352°, 100%, 72%
HSV	352°, 56%, 100%
XYZ	51.2083, 34.5143, 25.7937
YIQ	157.0370, 78.8080, 36.5360

Conversions

Conversions Part 2

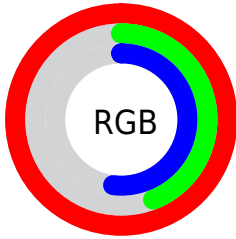
Format	Color
R _Y B	255, 112, 132
Decimal	16740484
CIE Lab	65.37, 56.13, 16.54
CIE LCh	65, 58.512, 16.420
Yxy	34.5143, 0.4592, 0.3095
Android (android.graphics.Color)	4294930564 (0xFFFF7084)
YUV	157.0370, -12.3432, 85.9136
Hunter-Lab	58.7489, 52.7785, 15.0929

Details

The Yxy color **34.5143, 0.4592, 0.3095** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.9602, 0.2502, 0.3527**, and the grayscale version is **33.7582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7680, 0.3776, 0.3114**, and **14.7903, 0.5046, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **29.1198, 0.5022, 0.3083**, and if you desaturate by 10%, it is **41.6189, 0.4207, 0.3122**.

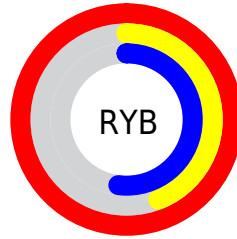
Distribution



Red (100%)

Green (44%)

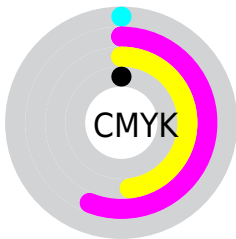
Blue (52%)



Red (100%)

Yellow (44%)

Blue (52%)

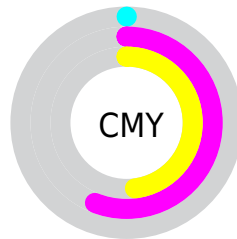


Cyan (0%)

Magenta (56%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5143, 0.4592, 0.3095 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 Yxy color 34.5143, 0.4592, 0.3095 by changing the saturation by 10% instead.


 34.5143, 0.4592,
0.3095


 34.5143, 0.4592,
0.3095


322.4193, 0.3819,
0.3226

 23.2890, 0.4794,
0.3051

 66.7327, 0.4303,
0.3151

 14.8070, 0.5058,
0.2988


 88.4945, 0.4197,
0.3169

 8.6841, 0.5414,
0.2892


 114.5372, 0.4108,
0.3184

 4.5357, 0.5912,
0.2737

145.2454, 0.4033,
0.3196

 1.9775, 0.6658,
0.2472

181.0032, 0.3968,
0.3205

 0.5944, 0.8065,
0.1935

222.1952, 0.3912,


 0.0000, 1.0000,


0.3213


0.0000


269.2058, 0.3863,
0.3220


 0.0000, 0.0000,
0.0000

 34.5143, 0.4592,
0.3095


 34.5143, 0.4592,
0.3095


 29.1198, 0.5022,
0.3083


 41.6189, 0.4207,
0.3122


 25.3023, 0.5463,
0.3094

 50.5763, 0.3879,
0.3157


 22.8864, 0.5863,
0.3132

 61.4994, 0.3610,
0.3195

 21.6606, 0.6161,
0.3192

 74.4954, 0.3392,
0.3233

 21.3856, 0.6247,
0.3215

 89.6642, 0.3217,
0.3269

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.5143, 0.3793, 0.2543



34.5143, 0.4592, 0.3095



34.5143, 0.4902, 0.3721

Triad

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



34.5143, 0.4592, 0.3095



34.5143, 0.3166, 0.4903



34.5143, 0.1733, 0.2055

Complementary

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



34.5143, 0.4592, 0.3095



80.9602, 0.2502, 0.3527

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.



34.5143, 0.1622, 0.2461



34.5143, 0.4592, 0.3095



34.5143, 0.2370, 0.4240

Square

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



34.5143, 0.4592, 0.3095



34.5143, 0.3997, 0.4861



34.5143, 0.1826, 0.3242



34.5143, 0.2149, 0.1969

Rectangle

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



34.5143, 0.4592, 0.3095



34.5143, 0.4786, 0.4149



34.5143, 0.1826, 0.3242



34.5143, 0.1662, 0.2151

Sweetspot

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



34.5099, 0.4592, 0.3095



73.2194, 0.3410, 0.3229



36.2197, 0.2995, 0.1882



15.0849, 0.3451, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.5099, 0.4592, 0.3095



28.7082, 0.5062, 0.3083



48.2830, 0.4495, 0.3802



18.0285, 0.3272, 0.3257



11.1869, 0.6218, 0.3199



1.1012, 0.5958, 0.3056

Inverse Universe

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



34.5099, 0.4592, 0.3095



28.7082, 0.5062, 0.3083



54.2987, 0.2288, 0.2668



18.0285, 0.3272, 0.3257



11.1869, 0.6218, 0.3199



1.1012, 0.5958, 0.3056

Previews

White Background



This preview shows how the Yxy color 34.5143, 0.4592, 0.3095 looks on a white background.

Color Contrast Check

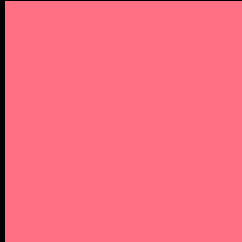
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.5143, 0.4592, 0.3095 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](#).

Yxy 34.5143, 0.4592, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 34.5143, 0.4592, 0.3095.



This preview shows how white text looks on a background with the Yxy color 34.5143, 0.4592, 0.3095.

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

34.5143, 0.4592, 0.3095

Protanopia

34.6405, 0.3194, 0.3320

Deuteranopia

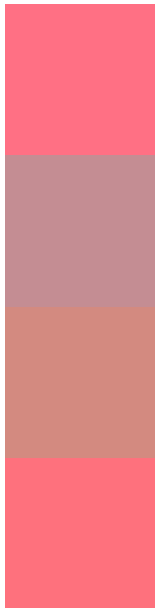
34.7022, 0.3749, 0.3681



Tritanopia

34.4859, 0.4708, 0.3225

Trichromacy



Original Color

34.5143, 0.4592, 0.3095

Protanomaly

32.8921, 0.3667, 0.3211

Deuteranomaly

33.5844, 0.4056, 0.3419

Tritanomaly

34.3618, 0.4665, 0.3175

Monochromacy



Original Color

34.5143, 0.4592, 0.3095

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5253, 0.3623, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5143, 0.4592, 0.3095 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, 112, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 132)  
}
```

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, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 132) }
```

Border

The CSS property to change the border of an element to Yxy 34.5143, 0.4592, 0.3095 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, 112, 132) }
```

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

```
.border{ border-color:rgb(255, 112, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5143, 0.4592, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 132) }
```

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

```
.background{ background-color: rgb(255,  
112, 132) }
```

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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