

Converting Colors

Yxy(34.5151, 0.4804, 0.3297)

Have a look what the booklet for
Yxy(34.5151, 0.4804, 0.3297)
contains.

Yxy(34.5095, 0.4802, 0.3295)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5095, 0.4802, 0.3295)

Conversions

Conversions Part 1

Format	Color
Hex	FF7272
RGB	255, 114, 114
RGB Percent	100%, 45%, 45%
CMY	0.0000, 0.5529, 0.5529
CMYK	0.00, 0.55, 0.55, 0.00
HSL	0°, 100%, 72%
HSV	0°, 55%, 100%
XYZ	50.2928, 34.5095, 19.9307
YIQ	156.1590, 84.0360, 29.8920

Conversions

Conversions Part 2

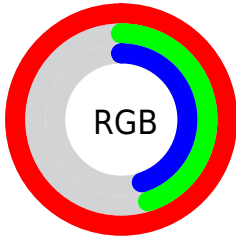
Format	Color
R _Y B	255, 114, 114
Decimal	16740978
CIE Lab	65.36, 53.70, 26.73
CIE LCh	65, 59.985, 26.459
Yxy	34.5095, 0.4802, 0.3295
Android (android.graphics.Color)	4294931058 (0xFFFF7272)
YUV	156.1590, -20.7844, 86.6836
Hunter-Lab	58.7448, 50.0145, 21.0057

Details

The Yxy color **34.5095, 0.4802, 0.3295** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.3057, 0.2426, 0.3288**, and the grayscale version is **33.3892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7626, 0.3950, 0.3335**, and **14.8587, 0.5320, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **29.0361, 0.5285, 0.3297**, and if you desaturate by 10%, it is **41.7511, 0.4358, 0.3294**.

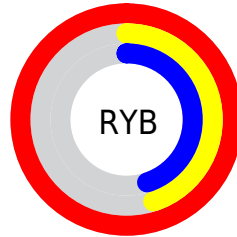
Distribution



Red (100%)

Green (45%)

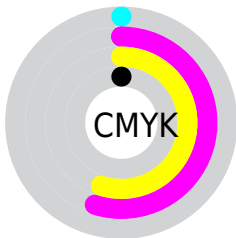
Blue (45%)



Red (100%)

Yellow (45%)

Blue (45%)

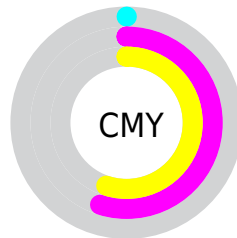


Cyan (0%)

Magenta (55%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5095, 0.4802, 0.3295 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 34.5095, 0.4802, 0.3295 by changing the saturation by 10% instead.


 34.5095, 0.4802,
0.3295


 34.5095, 0.4802,
0.3295


322.3980, 0.3921,
0.3342


 23.2853, 0.5029,
0.3265


 66.7252, 0.4475,
0.3325

 14.8043, 0.5322,
0.3216


 88.4855, 0.4354,
0.3332

 8.6822, 0.5709,
0.3131


 114.5266, 0.4252,
0.3337

 4.5345, 0.6232,
0.2976

 145.2329, 0.4166,
0.3340

 1.9768, 0.7217,
0.2783

180.9887, 0.4091,
0.3341

 0.5939, 0.7987,
0.2013

222.1786, 0.4027,


 0.0000, 1.0000,


0.3342


0.0000


269.1869, 0.3970,
0.3342


 0.0000, 0.0000,
0.0000

 34.5095, 0.4802,
0.3295


 34.5095, 0.4802,
0.3295


 29.0361, 0.5285,
0.3297

 41.7511, 0.4358,
0.3294


 25.1747, 0.5753,
0.3298


 50.8887, 0.3978,
0.3293


 22.7512, 0.6127,
0.3299

 62.0448, 0.3666,
0.3292

 21.5487, 0.6345,
0.3300

 75.3300, 0.3416,
0.3291

 21.2590, 0.6401,
0.3300

 90.8469, 0.3216,
0.3290

99.9986, 0.3127,
0.3290

Harmonies

Analogous

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



34.5095, 0.4119, 0.2701



34.5095, 0.4802, 0.3295



34.5095, 0.4913, 0.3942

Triad

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



34.5095, 0.4802, 0.3295



34.5095, 0.2875, 0.4798



34.5095, 0.1811, 0.1967

Complementary

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



34.5095, 0.4802, 0.3295



82.3057, 0.2426, 0.3288

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.



34.5095, 0.1595, 0.2261



34.5095, 0.4802, 0.3295



34.5095, 0.2128, 0.3926

Square

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



34.5095, 0.4802, 0.3295



34.5095, 0.3737, 0.4987



34.5095, 0.1691, 0.2929



34.5095, 0.2340, 0.1975

Rectangle

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



34.5095, 0.4802, 0.3295



34.5095, 0.4677, 0.4374



34.5095, 0.1691, 0.2929



34.5095, 0.1705, 0.2028

Sweetspot

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



34.5114, 0.4802, 0.3295



72.9096, 0.3455, 0.3291



40.5135, 0.3189, 0.1978



15.0129, 0.3502, 0.3291



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.



34.5114, 0.4802, 0.3295



28.7132, 0.5320, 0.3297



56.9618, 0.4328, 0.4007



17.9873, 0.3295, 0.3291



11.1091, 0.6401, 0.3300



1.0817, 0.6401, 0.3300

Inverse Universe

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



82.3057, 0.2426, 0.3288



80.7439, 0.2350, 0.3288



45.2854, 0.2239, 0.2401



20.4813, 0.2980, 0.3290



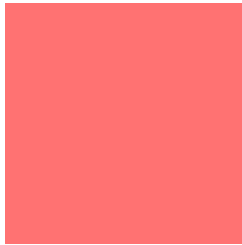
41.1371, 0.2247, 0.3287



4.0055, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 34.5095, 0.4802, 0.3295 looks on a white background.

Color Contrast Check

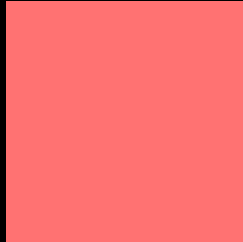
Large Text (above 18pt) WCAG AA × Fail

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 34.5095, 0.4802, 0.3295 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 34.5095, 0.4802, 0.3295

Background



This preview shows how black text looks on a background with the Yxy color 34.5095, 0.4802, 0.3295.



This preview shows how white text looks on a background with the Yxy color 34.5095, 0.4802, 0.3295.

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

34.5095, 0.4802, 0.3295

Protanopia

34.8423, 0.3449, 0.3658

Deuteranopia

34.4863, 0.3967, 0.3890



Tritanopia

34.4507, 0.4723, 0.3216

Trichromacy



Original Color

34.5095, 0.4802, 0.3295

Protanomaly

33.4566, 0.3924, 0.3504

Deuteranomaly

33.5989, 0.4290, 0.3637

Tritanomaly

34.3783, 0.4760, 0.3246

Monochromacy



Original Color

34.5095, 0.4802, 0.3295

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.1793, 0.3690, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5095, 0.4802, 0.3295 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, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 114)  
}
```

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, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 114) }
```

Border

The CSS property to change the border of an element to Yxy 34.5095, 0.4802, 0.3295 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, 114, 114) }
```

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

```
.border{ border-color:rgb(255, 114, 114) }
```

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

Here you see how a box with a 4 pixel rgb(255, 114, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5095, 0.4802, 0.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 114) }
```

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

```
.background{ background-color: rgb(255,  
114, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor