

Converting Colors

$Y_{xy}(35.7987, 0.4710, 0.3295)$

Have a look what the booklet for
Yxy(35.7987, 0.4710, 0.3295)
contains.

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Color

Yxy(35.7856, 0.4711, 0.3295)

Conversions

Conversions Part 1

Format	Color
Hex	FF7777
RGB	255, 119, 119
RGB Percent	100%, 47%, 47%
CMY	0.0000, 0.5333, 0.5334
CMYK	0.00, 0.53, 0.53, 0.00
HSL	0°, 100%, 73%
HSV	0°, 53%, 100%
XYZ	51.1642, 35.7856, 21.6560
YIQ	159.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

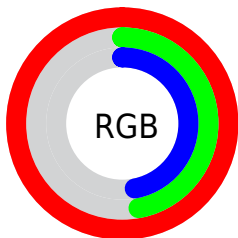
Format	Color
R _Y B	255, 119, 119
Decimal	16742263
CIE Lab	66.36, 51.75, 25.25
CIE LCh	66, 57.584, 26.006
Yxy	35.7856, 0.4711, 0.3295
Android (android.graphics.Color)	4294932343 (0xFFFF7777)
YUV	159.6640, -20.0474, 83.6097
Hunter-Lab	59.8211, 47.9819, 20.4110

Details

The Yxy color **35.7856, 0.4711, 0.3295** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.6329, 0.2443, 0.3288**, and the grayscale version is **35.0586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4724, 0.3889, 0.3324**, and **15.4592, 0.5195, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **29.9785, 0.5190, 0.3297**, and if you desaturate by 10%, it is **43.3877, 0.4278, 0.3294**.

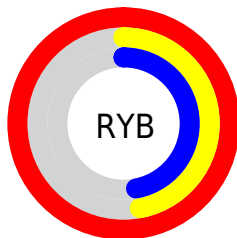
Distribution



Red (100%)

Green (47%)

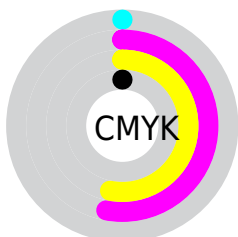
Blue (47%)



Red (100%)

Yellow (47%)

Blue (47%)

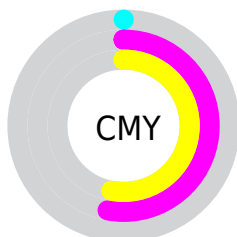


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7856, 0.4711, 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 35.7856, 0.4711, 0.3295 by changing the saturation by 10% instead.


 35.7856, 0.4711,
0.3295


 35.7856, 0.4711,
0.3295


328.0225, 0.3881,
0.3336

 24.2687, 0.4925,
0.3269


 68.7010, 0.4403,
0.3321

 15.5330, 0.5200,
0.3226


 90.8683, 0.4289,
0.3328

 9.1943, 0.5566,
0.3152


 117.3544, 0.4193,
0.3332

 4.8682, 0.6063,
0.3017

148.5439, 0.4112,
0.3334

 2.1701, 0.6911,
0.2821

184.8210, 0.4042,
0.3336

 0.7036, 0.7783,
0.2217

226.5702, 0.3981,


 0.0000, 1.0000,

0.3336


0.0000

274.1759, 0.3928,
0.3336


 0.0000, 0.0000,
0.0000


 35.7856, 0.4711,
0.3295


 35.7856, 0.4711,
0.3295

 29.9785, 0.5190,
0.3297

 43.3877, 0.4278,
0.3294


 25.8139, 0.5666,
0.3298


 52.9097, 0.3912,
0.3293

 23.1239, 0.6065,
0.3299

 64.4718, 0.3613,
0.3292

 21.7017, 0.6316,
0.3300

 78.1829, 0.3373,
0.3291

 21.2605, 0.6401,
0.3300

 94.1442, 0.3182,
0.3290

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



35.7856, 0.4057, 0.2722



35.7856, 0.4711, 0.3295



35.7856, 0.4833, 0.3919

Triad

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



35.7856, 0.4711, 0.3295



35.7856, 0.2907, 0.4718



35.7856, 0.1861, 0.2026

Complementary

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



35.7856, 0.4711, 0.3295



82.6329, 0.2443, 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.



35.7856, 0.1657, 0.2319



35.7856, 0.4711, 0.3295



35.7856, 0.2187, 0.3908

Square

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



35.7856, 0.4711, 0.3295



35.7856, 0.3732, 0.4899



35.7856, 0.1757, 0.2966



35.7856, 0.2367, 0.2027

Rectangle

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



35.7856, 0.4711, 0.3295



35.7856, 0.4619, 0.4330



35.7856, 0.1757, 0.2966



35.7856, 0.1760, 0.2088

Sweetspot

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



35.7875, 0.4711, 0.3295



74.3254, 0.3432, 0.3291



41.6669, 0.3187, 0.2016



15.2919, 0.3480, 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.



35.7875, 0.4711, 0.3295



29.6566, 0.5222, 0.3297



58.1251, 0.4274, 0.3986



17.9879, 0.3295, 0.3291



11.1099, 0.6401, 0.3300



1.0820, 0.6400, 0.3300

Inverse Universe

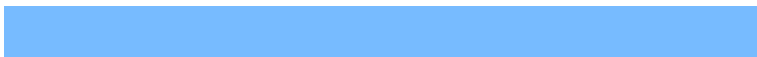
The Inverse Universe completely reimagines the original color for something new.



82.6329, 0.2443, 0.3288



80.9765, 0.2362, 0.3287



46.6747, 0.2268, 0.2438



20.4806, 0.2980, 0.3290



41.1204, 0.2246, 0.3287



4.0040, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 35.7856, 0.4711, 0.3295 looks on a white background.

Color Contrast Check

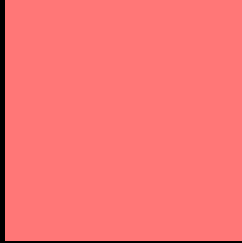
Large Text (above 18pt) WCAG AA × Fail

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 35.7856, 0.4711, 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 35.7856, 0.4711, 0.3295

Background



This preview shows how black text looks on a background with the Yxy color 35.7856, 0.4711, 0.3295.



This preview shows how white text looks on a background with the Yxy color 35.7856, 0.4711, 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

35.7856, 0.4711, 0.3295

Protanopia

35.8708, 0.3427, 0.3625

Deuteranopia

35.9724, 0.3933, 0.3856



Tritanopia

35.7232, 0.4633, 0.3215

Trichromacy



Original Color

35.7856, 0.4711, 0.3295

Protanomaly

34.6140, 0.3877, 0.3489

Deuteranomaly

35.1827, 0.4231, 0.3623

Tritanomaly

35.6469, 0.4669, 0.3245

Monochromacy



Original Color

35.7856, 0.4711, 0.3295

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.8972, 0.3665, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7856, 0.4711, 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, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 119)  
}
```

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, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 119) }
```

Border

The CSS property to change the border of an element to Yxy 35.7856, 0.4711, 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, 119, 119) }
```

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

```
.border{ border-color:rgb(255, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7856, 0.4711, 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, 119, 119) }
```

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

```
.background{ background-color: rgb(255,  
119, 119) }
```

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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