

Converting Colors

$Y_{xy}(35.6387, 0.4720, 0.3294)$

Have a look what the booklet for
Yxy(35.6387, 0.4720, 0.3294)
contains.

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Color

Yxy(35.5488, 0.4717, 0.3285)

Conversions

Conversions Part 1

Format	Color
Hex	FF7677
RGB	255, 118, 119
RGB Percent	100%, 46%, 47%
CMY	0.0000, 0.5372, 0.5334
CMYK	0.00, 0.54, 0.53, 0.00
HSL	360°, 100%, 73%
HSV	360°, 54%, 100%
XYZ	51.0453, 35.5488, 21.6215
YIQ	159.0770, 81.3310, 29.3550

Conversions

Conversions Part 2

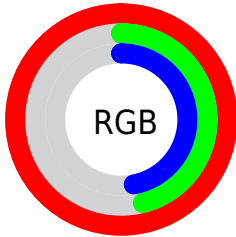
Format	Color
R _Y B	255, 118, 119
Decimal	16742007
CIE Lab	66.17, 52.22, 25.00
CIE LCh	66, 57.897, 25.578
Yxy	35.5488, 0.4717, 0.3285
Android (android.graphics.Color)	4294932087 (0xFFFF7677)
YUV	159.0770, -19.7580, 84.1245
Hunter-Lab	59.6228, 48.4804, 20.2352

Details

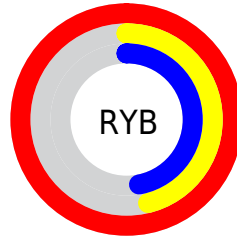
The Yxy color **35.5488, 0.4717, 0.3285** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.5231, 0.2444, 0.3299**, and the grayscale version is **34.7745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0874, 0.3892, 0.3313**, and **15.3474, 0.5204, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **29.8048, 0.5194, 0.3286**, and if you desaturate by 10%, it is **43.0814, 0.4285, 0.3285**.

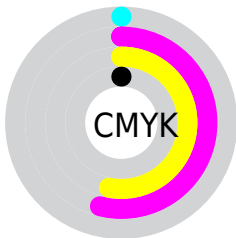
Distribution



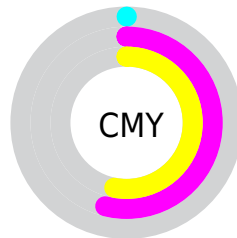
- Red (100%)
- Green (46%)
- Blue (47%)



- Red (100%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (54%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5488, 0.4717, 0.3285 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 35.5488, 0.4717, 0.3285 by changing the saturation by 10% instead.


 35.5488, 0.4717,
0.3285


 35.5488, 0.4717,
0.3285


326.9841, 0.3883,
0.3331


 24.0859, 0.4932,
0.3258


 68.3351, 0.4407,
0.3313

 15.3974, 0.5210,
0.3213


 90.4273, 0.4293,
0.3320

 9.0987, 0.5578,
0.3136


 116.8314, 0.4197,
0.3325

 4.8056, 0.6079,
0.2998

147.9318, 0.4115,
0.3328

 2.1337, 0.6937,
0.2798

184.1128, 0.4045,
0.3330

 0.6835, 0.7822,
0.2178

225.7590, 0.3984,


 0.0000, 1.0000,

0.3331

0.0000

273.2546, 0.3930,
0.3331


 0.0000, 0.0000,
0.0000


 35.5488, 0.4717,
0.3285


 35.5488, 0.4717,
0.3285


 29.8048, 0.5194,
0.3286


 43.0814, 0.4285,
0.3285


 25.6964, 0.5669,
0.3288


 52.5278, 0.3919,
0.3286


 23.0549, 0.6066,
0.3292

 64.0085, 0.3620,
0.3287

 21.6721, 0.6316,
0.3296

 77.6325, 0.3379,
0.3288

 21.2621, 0.6396,
0.3297

 93.5012, 0.3188,
0.3290

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



35.5488, 0.4052, 0.2710



35.5488, 0.4717, 0.3285



35.5488, 0.4847, 0.3912

Triad

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



35.5488, 0.4717, 0.3285



35.5488, 0.2916, 0.4738



35.5488, 0.1848, 0.2020

Complementary

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



35.5488, 0.4717, 0.3285



82.5231, 0.2444, 0.3299

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.



35.5488, 0.1647, 0.2318



35.5488, 0.4717, 0.3285



35.5488, 0.2189, 0.3927

Square

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



35.5488, 0.4717, 0.3285



35.5488, 0.3746, 0.4909



35.5488, 0.1752, 0.2975



35.5488, 0.2352, 0.2017

Rectangle

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



35.5488, 0.4717, 0.3285



35.5488, 0.4635, 0.4326



35.5488, 0.1752, 0.2975



35.5488, 0.1748, 0.2083

Sweetspot

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



35.5507, 0.4717, 0.3285



74.3346, 0.3430, 0.3288



41.0079, 0.3167, 0.2000



15.2941, 0.3477, 0.3288



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.



35.5507, 0.4717, 0.3285



29.6693, 0.5208, 0.3286



56.9392, 0.4299, 0.3967



17.9892, 0.3293, 0.3289



11.1118, 0.6394, 0.3296



1.0826, 0.6376, 0.3286

Inverse Universe

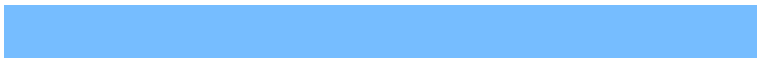
The Inverse Universe completely reimagines the original color for something new.



35.5507, 0.4717, 0.3285



29.6693, 0.5208, 0.3286



47.3755, 0.2269, 0.2461



17.9892, 0.3293, 0.3289



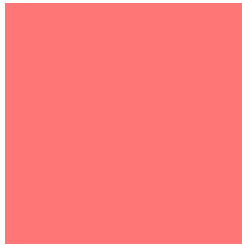
11.1118, 0.6394, 0.3296



1.0826, 0.6376, 0.3286

Previews

White Background



This preview shows how the Yxy color 35.5488, 0.4717, 0.3285 looks on a white background.

Color Contrast Check

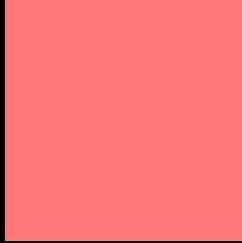
Large Text (above 18pt) WCAG AA × Fail

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 35.5488, 0.4717, 0.3285 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 35.5488, 0.4717, 0.3285

Background



This preview shows how black text looks on a background with the Yxy color 35.5488, 0.4717, 0.3285.



This preview shows how white text looks on a background with the Yxy color 35.5488, 0.4717, 0.3285.

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

35.5488, 0.4717, 0.3285

Protanopia

35.7888, 0.3407, 0.3611

Deuteranopia

35.5099, 0.3928, 0.3845



Tritanopia

35.4632, 0.4651, 0.3215

Trichromacy



Original Color

35.5488, 0.4717, 0.3285

Protanomaly

34.1961, 0.3860, 0.3464

Deuteranomaly

34.7346, 0.4227, 0.3612

Tritanomaly

35.4126, 0.4675, 0.3235

Monochromacy



Original Color

35.5488, 0.4717, 0.3285

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.4295, 0.3668, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5488, 0.4717, 0.3285 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, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 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, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 119) }
```

Border

The CSS property to change the border of an element to Yxy 35.5488, 0.4717, 0.3285 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, 118, 119) }
```

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

```
.border{ border-color:rgb(255, 118, 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, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5488, 0.4717, 0.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 119) }
```

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

```
.background{ background-color: rgb(255,  
118, 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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