

Converting Colors

$Y_{xy}(44.9693, 0.5067, 0.3250)$

Have a look what the booklet for
Yxy(44.9693, 0.5067, 0.3250)
contains.

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Color

Yxy(35.1559, 0.4693, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	FF747A
RGB	255, 116, 122
RGB Percent	100%, 45%, 48%
CMY	0.0000, 0.5451, 0.5215
CMYK	0.00, 0.55, 0.52, 0.00
HSL	357°, 100%, 73%
HSV	357°, 55%, 100%
XYZ	51.0005, 35.1559, 22.5172
YIQ	158.2450, 80.9180, 31.3340

Conversions

Conversions Part 2

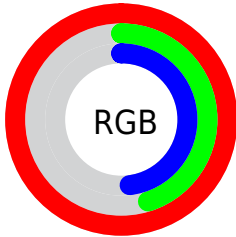
Format	Color
RYB	255, 116, 122
Decimal	16741498
CIELab	65.87, 53.41, 22.88
CIELCh	66, 58.110, 23.191
Yxy	35.1559, 0.4693, 0.3235
Android (android.graphics.Color)	4294931578 (0xFFFF747A)
YUV	158.2450, -17.8688, 84.8541
Hunter-Lab	59.2924, 49.7755, 18.9884

Details

The Yxy color **35.1559, 0.4693, 0.3235** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.0715, 0.2457, 0.3358**, and the grayscale version is **34.3653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8210, 0.3867, 0.3271**, and **15.1560, 0.5187, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **29.5322, 0.5160, 0.3233**, and if you desaturate by 10%, it is **42.5466, 0.4272, 0.3242**.

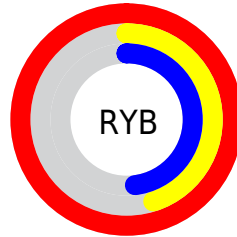
Distribution



Red (100%)

Green (45%)

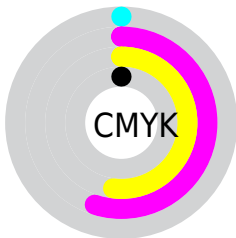
Blue (48%)



Red (100%)

Yellow (45%)

Blue (48%)

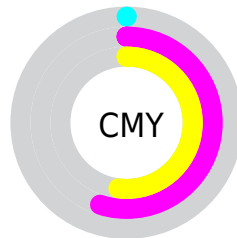


Cyan (0%)

Magenta (55%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1559, 0.4693, 0.3235 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 35.1559, 0.4693, 0.3235 by changing the saturation by 10% instead.


 35.1559, 0.4693,
0.3235

 35.1559, 0.4693,
0.3235


325.2559, 0.3870,
0.3304


 23.7830, 0.4907,
0.3203


 67.7272, 0.4387,
0.3271

 15.1727, 0.5183,
0.3153


 89.6944, 0.4274,
0.3281

 8.9407, 0.5551,
0.3071


 115.9618, 0.4179,
0.3288

 4.7025, 0.6057,
0.2928

146.9138, 0.4098,
0.3293

 2.0738, 0.6887,
0.2705

182.9349, 0.4029,
0.3297

 0.6498, 0.7903,
0.2097

224.4093, 0.3969,


 0.0000, 1.0000,


0.3300


0.0000

271.7215, 0.3916,
0.3302


 0.0000, 0.0000,
0.0000


 35.1559, 0.4693,
0.3235


 35.1559, 0.4693,
0.3235


 29.5322, 0.5160,
0.3233


 42.5466, 0.4272,
0.3242

 25.5250, 0.5627,
0.3239


 51.8315, 0.3915,
0.3252


 22.9646, 0.6027,
0.3254

 63.1299, 0.3622,
0.3263

 21.6419, 0.6290,
0.3275

 76.5504, 0.3387,
0.3275

 21.2843, 0.6370,
0.3283

 92.1940, 0.3199,
0.3285

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.



35.1559, 0.3989, 0.2664



35.1559, 0.4693, 0.3235



35.1559, 0.4869, 0.3863

Triad

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



35.1559, 0.4693, 0.3235



35.1559, 0.2979, 0.4791



35.1559, 0.1813, 0.2024

Complementary

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



35.1559, 0.4693, 0.3235



82.0715, 0.2457, 0.3358

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.



35.1559, 0.1636, 0.2350



35.1559, 0.4693, 0.3235



35.1559, 0.2231, 0.4011

Square

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



35.1559, 0.4693, 0.3235



35.1559, 0.3813, 0.4905



35.1559, 0.1766, 0.3040



35.1559, 0.2296, 0.2000

Rectangle

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



35.1559, 0.4693, 0.3235



35.1559, 0.4680, 0.4283



35.1559, 0.1766, 0.3040



35.1559, 0.1721, 0.2096

Sweetspot

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



35.1570, 0.4693, 0.3235



74.4106, 0.3419, 0.3273



39.6770, 0.3126, 0.1968



15.3119, 0.3465, 0.3271



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.



35.1570, 0.4693, 0.3235



29.2989, 0.5183, 0.3233



54.5816, 0.4351, 0.3930



17.9998, 0.3288, 0.3280



11.1270, 0.6357, 0.3276



1.0877, 0.6254, 0.3219

Inverse Universe

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



35.1570, 0.4693, 0.3235



29.2989, 0.5183, 0.3233



48.8308, 0.2270, 0.2508



17.9998, 0.3288, 0.3280



11.1270, 0.6357, 0.3276



1.0877, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 35.1559, 0.4693, 0.3235 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 35.1559, 0.4693, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

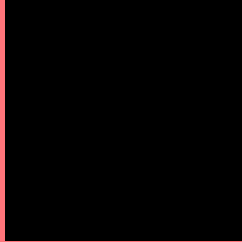
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1559, 0.4693, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 35.1559, 0.4693, 0.3235.



This preview shows how white text looks on a background with the Yxy color 35.1559, 0.4693, 0.3235.

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

35.1559, 0.4693, 0.3235

Protanopia

35.3403, 0.3352, 0.3539

Deuteranopia

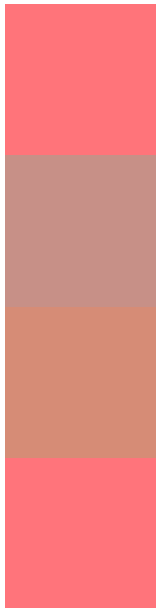
35.3193, 0.3877, 0.3810



Tritanopia

35.2060, 0.4669, 0.3215

Trichromacy



Original Color

35.1559, 0.4693, 0.3235

Protanomaly

33.8379, 0.3821, 0.3411

Deuteranomaly

34.3603, 0.4189, 0.3565

Tritanomaly

35.1808, 0.4681, 0.3225

Monochromacy



Original Color

35.1559, 0.4693, 0.3235

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0267, 0.3650, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1559, 0.4693, 0.3235 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, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 122)  
}
```

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, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 122) }
```

Border

The CSS property to change the border of an element to Yxy 35.1559, 0.4693, 0.3235 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, 116, 122) }
```

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

```
.border{ border-color:rgb(255, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1559, 0.4693, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 122) }
```

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

```
.background{ background-color: rgb(255,  
116, 122) }
```

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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