

Converting Colors

$Y_{xy}(35.6351, 0.4733, 0.3306)$

Have a look what the booklet for
Yxy(35.6351, 0.4733, 0.3306)
contains.

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Color

Yxy(35.7380, 0.4734, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	FF7775
RGB	255, 119, 117
RGB Percent	100%, 47%, 46%
CMY	0.0002, 0.5332, 0.5412
CMYK	0.00, 0.53, 0.54, 0.00
HSL	1°, 100%, 73%
HSV	1°, 54%, 100%
XYZ	51.0358, 35.7380, 21.0331
YIQ	159.4360, 81.6980, 28.2100

Conversions

Conversions Part 2

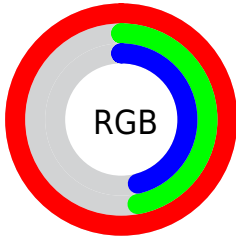
Format	Color
R_{YB}	255, 119, 117
Decimal	16742261
CIE _{Lab}	66.32, 51.57, 26.32
CIE _{LCh}	66, 57.897, 27.034
Yxy	35.7380, 0.4734, 0.3315
Android (android.graphics.Color)	4294932341 (0xFFFF7775)
YUV	159.4360, -20.9209, 83.8096
Hunter-Lab	59.7813, 47.7698, 20.9866

Details

The Yxy color **35.7380, 0.4734, 0.3315** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.1868, 0.2431, 0.3264**, and the grayscale version is **34.9553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3967, 0.3907, 0.3345**, and **15.4339, 0.5228, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **30.0083, 0.5210, 0.3317**, and if you desaturate by 10%, it is **43.2141, 0.4301, 0.3311**.

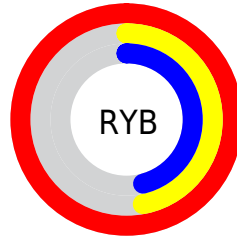
Distribution



Red (100%)

Green (47%)

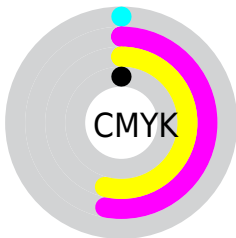
Blue (46%)



Red (100%)

Yellow (47%)

Blue (46%)

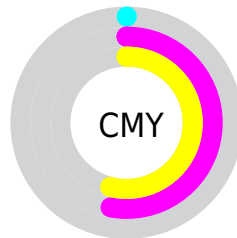


Cyan (0%)

Magenta (53%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7380, 0.4734, 0.3315 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 35.7380, 0.4734, 0.3315 by changing the saturation by 10% instead.


 35.7380, 0.4734,
0.3315

 35.7380, 0.4734,
0.3315


327.8139, 0.3892,
0.3348


 24.2319, 0.4950,
0.3290


 68.6275, 0.4422,
0.3339

 15.5057, 0.5229,
0.3248


 90.7797, 0.4306,
0.3344

 9.1751, 0.5597,
0.3175


 117.2494, 0.4209,
0.3347

 4.8556, 0.6096,
0.3039

148.4209, 0.4127,
0.3349

 2.1628, 0.6978,
0.2854

184.6788, 0.4056,
0.3349

 0.6996, 0.7781,
0.2219


226.4073, 0.3994,

 0.0000, 1.0000,

0.3349


0.0000


273.9909, 0.3940,
0.3349


 0.0000, 0.0000,
0.0000


 35.7380, 0.4734,
0.3315


 35.7380, 0.4734,
0.3315


 30.0083, 0.5210,
0.3317


 43.2141, 0.4301,
0.3311


 25.8784, 0.5682,
0.3317

 52.5565, 0.3933,
0.3306


 23.1875, 0.6074,
0.3313

 63.8809, 0.3632,
0.3301

 21.7383, 0.6319,
0.3307

 77.2922, 0.3389,
0.3296

 21.3347, 0.6393,
0.3305

 92.8880, 0.3195,
0.3292

99.9921, 0.3127,
0.3290

Harmonies

Analogous

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



35.7380, 0.4091, 0.2737



35.7380, 0.4734, 0.3315



35.7380, 0.4836, 0.3942

Triad

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



35.7380, 0.4734, 0.3315



35.7380, 0.2877, 0.4708



35.7380, 0.1867, 0.2015

Complementary

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



35.7380, 0.4734, 0.3315



81.1868, 0.2431, 0.3264

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.



35.7380, 0.1652, 0.2298



35.7380, 0.4734, 0.3315



35.7380, 0.2162, 0.3878

Square

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



35.7380, 0.4734, 0.3315



35.7380, 0.3706, 0.4913



35.7380, 0.1742, 0.2935



35.7380, 0.2386, 0.2025

Rectangle

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



35.7380, 0.4734, 0.3315



35.7380, 0.4610, 0.4354



35.7380, 0.1742, 0.2935



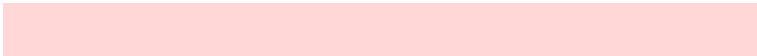
35.7380, 0.1763, 0.2074

Sweetspot

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



35.7399, 0.4734, 0.3315



74.6285, 0.3431, 0.3297



41.1887, 0.3188, 0.2001



15.3628, 0.3478, 0.3298



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.



35.7399, 0.4734, 0.3315



29.5915, 0.5253, 0.3318



57.6422, 0.4295, 0.3994



18.0304, 0.3294, 0.3294



11.1707, 0.6390, 0.3308



1.1023, 0.6365, 0.3328

Inverse Universe

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



81.1868, 0.2431, 0.3264



79.3099, 0.2349, 0.3259



46.1043, 0.2257, 0.2423



20.4322, 0.2980, 0.3286



39.9098, 0.2234, 0.3242



3.9002, 0.2236, 0.3248

Previews

White Background



This preview shows how the Yxy color 35.7380, 0.4734, 0.3315 looks on a white background.

Color Contrast Check

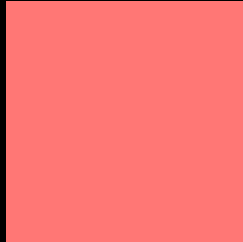
Large Text (above 18pt) WCAG AA × Fail

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 35.7380, 0.4734, 0.3315 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 35.7380, 0.4734, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 35.7380, 0.4734, 0.3315.



This preview shows how white text looks on a background with the Yxy color 35.7380, 0.4734, 0.3315.

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

35.7380, 0.4734, 0.3315

Protanopia

35.8134, 0.3445, 0.3654

Deuteranopia

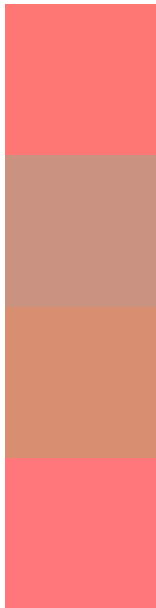
35.9278, 0.3953, 0.3882



Tritanopia

35.7232, 0.4633, 0.3215

Trichromacy



Original Color

35.7380, 0.4734, 0.3315

Protanomaly

34.5603, 0.3899, 0.3515

Deuteranomaly

35.1372, 0.4252, 0.3647

Tritanomaly

35.6469, 0.4669, 0.3245

Monochromacy



Original Color

35.7380, 0.4734, 0.3315

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 35.7380, 0.4734, 0.3315 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 117) }
```

Border

The CSS property to change the border of an element to Yxy 35.7380, 0.4734, 0.3315 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, 117) }
```

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

```
.border{ border-color:rgb(255, 119, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7380, 0.4734, 0.3315 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, 117) }
```

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

```
.background{ background-color: rgb(255,  
119, 117) }
```

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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