

Converting Colors

$Y_{xy}(35.8030, 0.4781, 0.3364)$

Have a look what the booklet for
Yxy(35.8030, 0.4781, 0.3364)
contains.

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Color

Yxy(35.8852, 0.4774, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	FF7871
RGB	255, 120, 113
RGB Percent	100%, 47%, 44%
CMY	0.0002, 0.5293, 0.5569
CMYK	0.00, 0.53, 0.56, 0.00
HSL	3°, 100%, 72%
HSV	3°, 56%, 100%
XYZ	50.9263, 35.8852, 19.8627
YIQ	159.5670, 82.7070, 26.4430

Conversions

Conversions Part 2

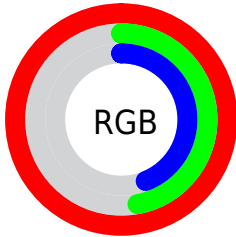
Format	Color
R_{YB}	255, 120, 113
Decimal	16742513
CIE _{Lab}	66.43, 50.79, 28.70
CIE _{LCh}	66, 58.339, 29.464
Yxy	35.8852, 0.4774, 0.3364
Android (android.graphics.Color)	4294932593 (0xFFFF7871)
YUV	159.5670, -22.9575, 83.6947
Hunter-Lab	59.9043, 46.9153, 22.2739

Details

The Yxy color **35.8852, 0.4774, 0.3364** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **77.8099, 0.2406, 0.3206**, and the grayscale version is **35.0277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6366, 0.3940, 0.3398**, and **15.6155, 0.5273, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **30.2798, 0.5243, 0.3368**, and if you desaturate by 10%, it is **43.1302, 0.4344, 0.3354**.

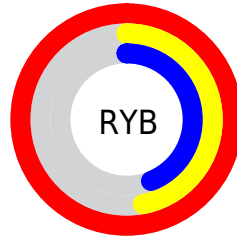
Distribution



Red (100%)

Green (47%)

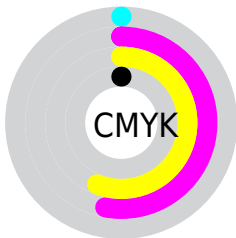
Blue (44%)



Red (100%)

Yellow (47%)

Blue (44%)

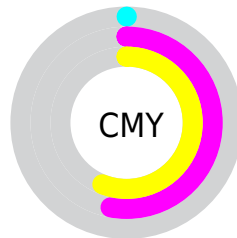


Cyan (0%)

Magenta (53%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8852, 0.4774, 0.3364 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 35.8852, 0.4774, 0.3364 by changing the saturation by 10% instead.


 35.8852, 0.4774,
0.3364


 35.8852, 0.4774,
0.3364


328.4585, 0.3913,
0.3376

 24.3455, 0.4994,
0.3343


 68.8548, 0.4456,
0.3381


 15.5901, 0.5276,
0.3304


 91.0536, 0.4337,
0.3384

 9.2346, 0.5647,
0.3234


 117.5742, 0.4238,
0.3385

 4.8945, 0.6144,
0.3099

 148.8010, 0.4154,
0.3384

 2.1855, 0.7066,
0.2934

185.1185, 0.4081,
0.3382

 0.7121, 0.7740,
0.2260

226.9110, 0.4017,

 0.0000, 1.0000,

0.3381

0.0000

274.5628, 0.3962,
0.3378

0.0000, 0.0000,
0.0000

35.8852, 0.4774,
0.3364

35.8852, 0.4774,
0.3364

30.2798, 0.5243,
0.3368

43.1302, 0.4344,
0.3354

26.1808, 0.5702,
0.3364

52.1229, 0.3974,
0.3340

23.4440, 0.6082,
0.3348

62.9688, 0.3669,
0.3325

21.8943, 0.6318,
0.3325

75.7637, 0.3421,
0.3311

21.5317, 0.6376,
0.3319

90.5966, 0.3222,
0.3297

99.9926, 0.3127,
0.3290

Harmonies

Analogous

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



35.8852, 0.4165, 0.2777



35.8852, 0.4774, 0.3364



35.8852, 0.4829, 0.3995

Triad

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



35.8852, 0.4774, 0.3364



35.8852, 0.2809, 0.4670



35.8852, 0.1892, 0.1999

Complementary

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



35.8852, 0.4774, 0.3364



77.8099, 0.2406, 0.3206

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.



35.8852, 0.1651, 0.2256



35.8852, 0.4774, 0.3364



35.8852, 0.2109, 0.3800

Square

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



35.8852, 0.4774, 0.3364



35.8852, 0.3642, 0.4933



35.8852, 0.1715, 0.2866



35.8852, 0.2437, 0.2031

Rectangle

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



35.8852, 0.4774, 0.3364



35.8852, 0.4576, 0.4406



35.8852, 0.1715, 0.2866



35.8852, 0.1778, 0.2050

Sweetspot

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



35.8871, 0.4774, 0.3364



73.9886, 0.3451, 0.3313



39.9777, 0.3232, 0.2005



15.2633, 0.3498, 0.3316



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.



35.8871, 0.4774, 0.3364



29.6664, 0.5305, 0.3368



58.7149, 0.4308, 0.4057



18.1315, 0.3293, 0.3302



11.3149, 0.6366, 0.3327



1.1503, 0.6286, 0.3391

Inverse Universe

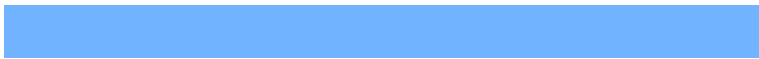
The Inverse Universe completely reimagines the original color for something new.



77.8099, 0.2406, 0.3206



75.3399, 0.2319, 0.3187



43.0661, 0.2220, 0.2330



20.3177, 0.2980, 0.3278



37.1291, 0.2204, 0.3134



3.6608, 0.2209, 0.3153

Previews

White Background



This preview shows how the Yxy color 35.8852, 0.4774, 0.3364 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 35.8852, 0.4774, 0.3364 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 35.8852, 0.4774, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 35.8852, 0.4774, 0.3364.



This preview shows how white text looks on a background with the Yxy color 35.8852, 0.4774, 0.3364.

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

35.8852, 0.4774, 0.3364

Protanopia

36.2500, 0.3510, 0.3739

Deuteranopia

35.9736, 0.4002, 0.3931



Tritanopia

35.9860, 0.4615, 0.3214

Trichromacy



Original Color

35.8852, 0.4774, 0.3364

Protanomaly

34.8792, 0.3958, 0.3593

Deuteranomaly

35.0491, 0.4295, 0.3694

Tritanomaly

35.8588, 0.4675, 0.3265

Monochromacy



Original Color

35.8852, 0.4774, 0.3364

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.8361, 0.3687, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8852, 0.4774, 0.3364 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, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 113)  
}
```

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, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 113) }
```

Border

The CSS property to change the border of an element to Yxy 35.8852, 0.4774, 0.3364 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, 120, 113) }
```

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

```
.border{ border-color:rgb(255, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8852, 0.4774, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 113) }
```

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

```
.background{ background-color: rgb(255,  
120, 113) }
```

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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