

Converting Colors

$Y_{xy}(35.2191, 0.4721, 0.3352)$

Have a look what the booklet for
Yxy(35.2191, 0.4721, 0.3352)
contains.

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Color

Yxy(35.1571, 0.4727, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	FB7872
RGB	251, 120, 114
RGB Percent	98%, 47%, 45%
CMY	0.0157, 0.5293, 0.5529
CMYK	0.00, 0.52, 0.55, 0.02
HSL	3°, 94%, 72%
HSV	3°, 55%, 98%
XYZ	49.5343, 35.1571, 20.0988
YIQ	158.4850, 80.0020, 25.9060

Conversions

Conversions Part 2

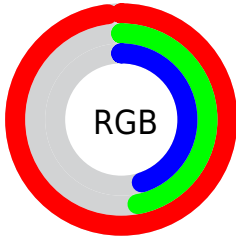
Format	Color
R _Y B	251, 120, 114
Decimal	16480370
CIE Lab	65.87, 49.48, 27.28
CIE LCh	66, 56.501, 28.870
Yxy	35.1571, 0.4727, 0.3355
Android (android.graphics.Color)	4294670450 (0xFFFB7872)
YUV	158.4850, -21.9311, 81.1357
Hunter-Lab	59.2934, 45.3572, 21.4078

Details

The Yxy color **35.1571, 0.4727, 0.3355** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.8366, 0.2418, 0.3217**, and the grayscale version is **34.5012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6731, 0.3931, 0.3387**, and **15.1086, 0.5218, 0.3296** is the 20% darker color. If you saturate the color by 10%, you get **29.5957, 0.5195, 0.3360**, and if you desaturate by 10%, it is **42.3253, 0.4302, 0.3345**.

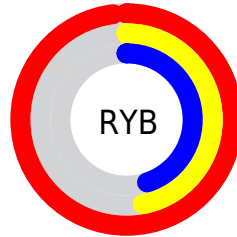
Distribution



Red (98%)

Green (47%)

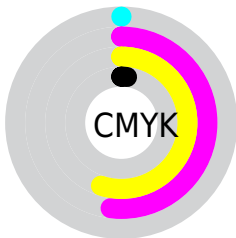
Blue (45%)



Red (98%)

Yellow (47%)

Blue (45%)

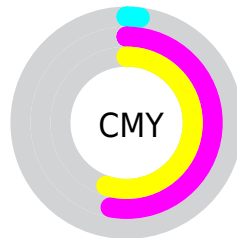


Cyan (0%)

Magenta (52%)

Yellow (55%)

Black (2%)



Cyan (2%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1571, 0.4727, 0.3355 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 35.1571, 0.4727, 0.3355 by changing the saturation by 10% instead.


 35.1571, 0.4727,
0.3355

 35.1571, 0.4727,
0.3355

325.2612, 0.3887,
0.3368

 23.7839, 0.4943,
0.3335


 67.7291, 0.4415,
0.3372


 15.1734, 0.5222,
0.3297


 89.6966, 0.4300,
0.3375

 8.9412, 0.5591,
0.3229


 115.9645, 0.4203,
0.3375

 4.7028, 0.6090,
0.3098

 146.9169, 0.4121,
0.3375

 2.0740, 0.7046,
0.2946

182.9385, 0.4050,
0.3374

 0.6499, 0.7765,
0.2235

224.4134, 0.3988,


 0.0000, 1.0000,


0.3372

0.0000


271.7262, 0.3934,
0.3370


 0.0000, 0.0000,
0.0000


 35.1571, 0.4727,
0.3355


 35.1571, 0.4727,
0.3355


 29.5957, 0.5195,
0.3360


 42.3253, 0.4302,
0.3345

 25.5121, 0.5659,
0.3356

 51.2052, 0.3938,
0.3333

 22.7669, 0.6051,
0.3344

 61.8992, 0.3639,
0.3320

 21.1915, 0.6303,
0.3324

 74.5002, 0.3397,
0.3307

 20.7459, 0.6379,
0.3317

 89.0947, 0.3203,
0.3295

99.2466, 0.3102,
0.3290

Harmonies

Analogous

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



35.1571, 0.4123, 0.2779



35.1571, 0.4727, 0.3355



35.1571, 0.4796, 0.3975

Triad

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



35.1571, 0.4727, 0.3355



35.1571, 0.2836, 0.4643



35.1571, 0.1910, 0.2028

Complementary

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



35.1571, 0.4727, 0.3355



75.8366, 0.2418, 0.3217

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.



35.1571, 0.1679, 0.2289



35.1571, 0.4727, 0.3355



35.1571, 0.2144, 0.3807

Square

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



35.1571, 0.4727, 0.3355



35.1571, 0.3651, 0.4890



35.1571, 0.1749, 0.2895



35.1571, 0.2440, 0.2053

Rectangle

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



35.1571, 0.4727, 0.3355



35.1571, 0.4557, 0.4376



35.1571, 0.1749, 0.2895



35.1571, 0.1800, 0.2080

Sweetspot

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



35.1590, 0.4727, 0.3355



75.2310, 0.3429, 0.3309



39.2240, 0.3229, 0.2027



15.5039, 0.3476, 0.3312



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.



35.1590, 0.4727, 0.3355



30.4455, 0.5218, 0.3360



57.2903, 0.4277, 0.4044



17.3471, 0.3293, 0.3301



10.9600, 0.6370, 0.3324



1.0567, 0.6295, 0.3384

Inverse Universe

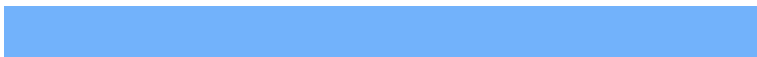
The Inverse Universe completely reimagines the original color for something new.



75.8366, 0.2418, 0.3217



76.3283, 0.2335, 0.3202



42.3571, 0.2238, 0.2354



19.4704, 0.2980, 0.3279



36.4772, 0.2209, 0.3153



3.4176, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 35.1571, 0.4727, 0.3355 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 35.1571, 0.4727, 0.3355 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 35.1571, 0.4727, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 35.1571, 0.4727, 0.3355.



This preview shows how white text looks on a background with the Yxy color 35.1571, 0.4727, 0.3355.

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

35.1571, 0.4727, 0.3355

Protanopia

35.3536, 0.3486, 0.3699

Deuteranopia

35.0716, 0.3983, 0.3898



Tritanopia

35.1587, 0.4605, 0.3213

Trichromacy



Original Color

35.1571, 0.4727, 0.3355

Protanomaly

33.8736, 0.3926, 0.3557

Deuteranomaly

34.3217, 0.4260, 0.3675

Tritanomaly

35.2942, 0.4648, 0.3264

Monochromacy



Original Color

35.1571, 0.4727, 0.3355

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1060, 0.3668, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1571, 0.4727, 0.3355 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(251, 120, 114)` looks like.

```
.text, #text, p{  
    color:rgb(251, 120, 114)  
}
```

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(251, 120, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 120, 114) }
```

Border

The CSS property to change the border of an element to Yxy 35.1571, 0.4727, 0.3355 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(251, 120, 114) }
```

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

```
.border{ border-color:rgb(251, 120, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 120, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 120, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 120, 114);  
box-shadow:4px 4px 4px 4px rgb(251, 120,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1571, 0.4727, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 120, 114) }
```

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

```
.background{ background-color: rgb(251,  
120, 114) }
```

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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