

Converting Colors

$Y_{xy}(47.9473, 0.5010, 0.3348)$

Have a look what the booklet for
Yxy(47.9473, 0.5010, 0.3348)
contains.

Yxy(37.8192, 0.4638, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8192, 0.4638, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	FF7F79
RGB	255, 127, 121
RGB Percent	100%, 50%, 47%
CMY	0.0000, 0.5019, 0.5256
CMYK	0.00, 0.50, 0.53, 0.00
HSL	3°, 100%, 74%
HSV	3°, 53%, 100%
XYZ	52.2818, 37.8192, 22.6239
YIQ	164.5880, 78.2140, 25.2700

Conversions

Conversions Part 2

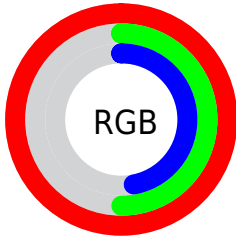
Format	Color
R _Y B	255, 127, 121
Decimal	16744313
CIE Lab	67.89, 48.09, 26.17
CIE LCh	68, 54.755, 28.557
Yxy	37.8192, 0.4638, 0.3355
Android (android.graphics.Color)	4294934393 (0xFFFF7F79)
YUV	164.5880, -21.4889, 79.2913
Hunter-Lab	61.4973, 44.1311, 21.2363

Details

The Yxy color **37.8192, 0.4638, 0.3355** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **79.0144, 0.2436, 0.3218**, and the grayscale version is **37.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7330, 0.3843, 0.3387**, and **16.7023, 0.5109, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **31.7260, 0.5100, 0.3361**, and if you desaturate by 10%, it is **45.5979, 0.4224, 0.3344**.

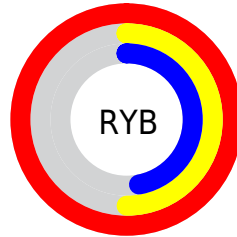
Distribution



Red (100%)

Green (50%)

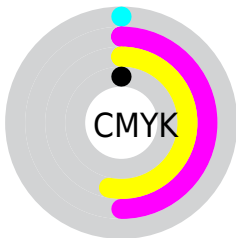
Blue (47%)



Red (100%)

Yellow (50%)

Blue (47%)

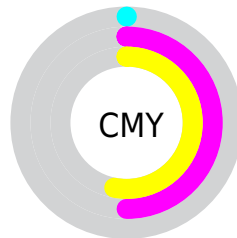


Cyan (0%)

Magenta (50%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8192, 0.4638, 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 37.8192, 0.4638, 0.3355 by changing the saturation by 10% instead.

 37.8192, 0.4638,
0.3355

 37.8192, 0.4638,
0.3355


336.8438, 0.3852,
0.3363


 25.8424, 0.4838,
0.3338


 71.8309, 0.4348,
0.3369

 16.7058, 0.5096,
0.3308


 94.6347, 0.4240,
0.3370

 10.0249, 0.5436,
0.3252


 121.8161, 0.4150,
0.3371

 5.4155, 0.5897,
0.3145

153.7598, 0.4073,
0.3370

 2.4931, 0.6638,
0.2973

190.8500, 0.4006,
0.3369

 0.8732, 0.7501,
0.2499

233.4711, 0.3948,

 0.0000, 1.0000,

0.3367

0.0000

282.0075, 0.3897,
0.3365

■ 0.0000, 0.0000,
0.0000

■ 37.8192, 0.4638,
0.3355

■ 37.8192, 0.4638,
0.3355

■ 31.7260, 0.5100,
0.3361

■ 45.5979, 0.4224,
0.3344

■ 27.1932, 0.5570,
0.3359

■ 55.1738, 0.3874,
0.3332

■ 24.0788, 0.5983,
0.3349

■ 66.6494, 0.3587,
0.3318

■ 22.2150, 0.6266,
0.3329

■ 80.1196, 0.3355,
0.3305

■ 21.5104, 0.6379,
0.3317

■ 95.6729, 0.3169,
0.3293

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.



37.8192, 0.4063, 0.2800



37.8192, 0.4638, 0.3355



37.8192, 0.4716, 0.3950

Triad

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



37.8192, 0.4638, 0.3355



37.8192, 0.2865, 0.4565



37.8192, 0.1961, 0.2087

Complementary

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



37.8192, 0.4638, 0.3355



79.0144, 0.2436, 0.3218

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.



37.8192, 0.1741, 0.2345



37.8192, 0.4638, 0.3355



37.8192, 0.2201, 0.3790

Square

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



37.8192, 0.4638, 0.3355



37.8192, 0.3643, 0.4802



37.8192, 0.1815, 0.2930



37.8192, 0.2469, 0.2106

Rectangle

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



37.8192, 0.4638, 0.3355



37.8192, 0.4497, 0.4330



37.8192, 0.1815, 0.2930



37.8192, 0.1856, 0.2140

Sweetspot

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



37.8194, 0.4638, 0.3355



75.2556, 0.3429, 0.3309



41.8634, 0.3226, 0.2064



15.5096, 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.



37.8194, 0.4638, 0.3355



31.4949, 0.5121, 0.3361



60.5384, 0.4226, 0.4020



18.1180, 0.3293, 0.3301



11.2957, 0.6370, 0.3324



1.1439, 0.6296, 0.3383

Inverse Universe

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



79.0144, 0.2436, 0.3218



76.6116, 0.2349, 0.3202



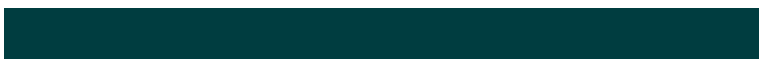
45.3640, 0.2268, 0.2395



20.3330, 0.2980, 0.3279



37.4923, 0.2208, 0.3149



3.6921, 0.2213, 0.3166

Previews

White Background



This preview shows how the Yxy color 37.8192, 0.4638, 0.3355 looks on a white background.

Color Contrast Check

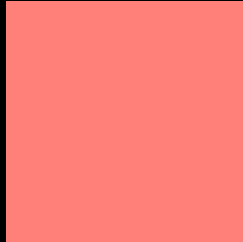
Large Text (above 18pt) WCAG AA × Fail

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 37.8192, 0.4638, 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 37.8192, 0.4638, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 37.8192, 0.4638, 0.3355.



This preview shows how white text looks on a background with the Yxy color 37.8192, 0.4638, 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

37.8192, 0.4638, 0.3355

Protanopia

37.8592, 0.3466, 0.3674

Deuteranopia

38.0398, 0.3944, 0.3868



Tritanopia

37.9029, 0.4492, 0.3213

Trichromacy



Original Color

37.8192, 0.4638, 0.3355

Protanomaly

36.6365, 0.3876, 0.3538

Deuteranomaly

37.2119, 0.4209, 0.3655

Tritanomaly

37.7667, 0.4551, 0.3264

Monochromacy



Original Color

37.8192, 0.4638, 0.3355

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3089, 0.3635, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8192, 0.4638, 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(255, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 121)  
}
```

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, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 121) }
```

Border

The CSS property to change the border of an element to Yxy 37.8192, 0.4638, 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(255, 127, 121) }
```

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

```
.border{ border-color:rgb(255, 127, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 127, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8192, 0.4638, 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(255, 127, 121) }
```

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

```
.background{ background-color: rgb(255,  
127, 121) }
```

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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