

Converting Colors

Yxy(33.9212, 0.4675, 0.3134)

Have a look what the booklet for
Yxy(33.9212, 0.4675, 0.3134)
contains.

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Color

Yxy(33.9182, 0.4678, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	FF6E7E
RGB	255, 110, 126
RGB Percent	100%, 43%, 49%
CMY	0.0000, 0.5686, 0.5058
CMYK	0.00, 0.57, 0.51, 0.00
HSL	353°, 100%, 72%
HSV	353°, 57%, 100%
XYZ	50.5800, 33.9182, 23.6249
YIQ	155.1790, 81.2840, 35.7160

Conversions

Conversions Part 2

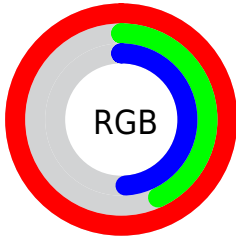
Format	Color
R_{YB}	255, 110, 126
Decimal	16739966
CIE Lab	64.90, 56.49, 19.30
CIE LCh	65, 59.691, 18.863
Yxy	33.9182, 0.4678, 0.3137
Android (android.graphics.Color)	4294930046 (0xFFFF6E7E)
YUV	155.1790, -14.3852, 87.5430
Hunter-Lab	58.2393, 53.1057, 16.7164

Details

The Yxy color **33.9182, 0.4678, 0.3137** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.0609, 0.2478, 0.3478**, and the grayscale version is **32.9026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7871, 0.3839, 0.3155**, and **14.4195, 0.5177, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **28.6651, 0.5124, 0.3131**, and if you desaturate by 10%, it is **40.8903, 0.4274, 0.3156**.

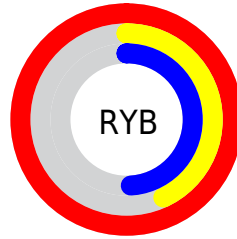
Distribution



Red (100%)

Green (43%)

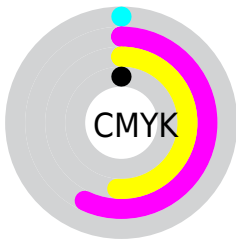
Blue (49%)



Red (100%)

Yellow (43%)

Blue (49%)

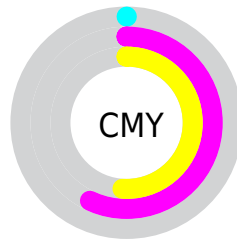


Cyan (0%)

Magenta (57%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9182, 0.4678, 0.3137 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 33.9182, 0.4678, 0.3137 by changing the saturation by 10% instead.


 33.9182, 0.4678,
0.3137


 33.9182, 0.4678,
0.3137

319.7672, 0.3858,
0.3252

 22.8308, 0.4893,
0.3095


 65.8064, 0.4372,
0.3189

 14.4686, 0.5172,
0.3032


 87.3760, 0.4259,
0.3205

 8.4473, 0.5547,
0.2935


 113.2085, 0.4165,
0.3218

 4.3825, 0.6069,
0.2774

143.6882, 0.4085,
0.3228

 1.8897, 0.6895,
0.2512

179.1995, 0.4016,
0.3236

 0.5422, 0.8153,
0.1847


220.1268, 0.3956,


 0.0000, 1.0000,


0.3242


0.0000

266.8546, 0.3904,
0.3248

 0.0000, 0.0000,
0.0000


 33.9182, 0.4678,
0.3137


 33.9182, 0.4678,
0.3137

 28.6651, 0.5124,
0.3131


 40.8903, 0.4274,
0.3156

 24.9766, 0.5572,
0.3144


 49.7075, 0.3930,
0.3183

 22.6799, 0.5963,
0.3178

 60.4903, 0.3646,
0.3213

 21.5552, 0.6236,
0.3229

 73.3477, 0.3416,
0.3243

 21.3426, 0.6296,
0.3242

 88.3804, 0.3232,
0.3271

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



33.9182, 0.3887, 0.2567



33.9182, 0.4678, 0.3137



33.9182, 0.4944, 0.3776

Triad

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



33.9182, 0.4678, 0.3137



33.9182, 0.3092, 0.4921



33.9182, 0.1727, 0.2010

Complementary

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



33.9182, 0.4678, 0.3137



81.0609, 0.2478, 0.3478

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.



33.9182, 0.1588, 0.2391



33.9182, 0.4678, 0.3137



33.9182, 0.2293, 0.4188

Square

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



33.9182, 0.4678, 0.3137



33.9182, 0.3946, 0.4925



33.9182, 0.1767, 0.3159



33.9182, 0.2175, 0.1947

Rectangle

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



33.9182, 0.4678, 0.3137



33.9182, 0.4792, 0.4213



33.9182, 0.1767, 0.3159



33.9182, 0.1647, 0.2098

Sweetspot

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



33.9200, 0.4678, 0.3137



73.1525, 0.3419, 0.3242



36.5649, 0.3036, 0.1885



15.0694, 0.3462, 0.3236



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.



33.9200, 0.4678, 0.3137



28.1689, 0.5176, 0.3131



49.5074, 0.4487, 0.3856



18.0197, 0.3277, 0.3264



11.1634, 0.6272, 0.3229



1.0970, 0.6045, 0.3103

Inverse Universe

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



33.9200, 0.4678, 0.3137



28.1689, 0.5176, 0.3131



51.5740, 0.2264, 0.2595



18.0197, 0.3277, 0.3264



11.1634, 0.6272, 0.3229



1.0970, 0.6045, 0.3103

Previews

White Background



This preview shows how the Yxy color 33.9182, 0.4678, 0.3137 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 33.9182, 0.4678, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

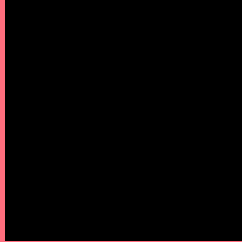
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9182, 0.4678, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 33.9182, 0.4678, 0.3137.



This preview shows how white text looks on a background with the Yxy color 33.9182, 0.4678, 0.3137.

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

33.9182, 0.4678, 0.3137

Protanopia

34.0704, 0.3260, 0.3409

Deuteranopia

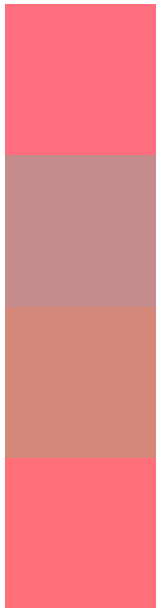
33.9042, 0.3819, 0.3737



Tritanopia

33.9608, 0.4760, 0.3217

Trichromacy



Original Color

33.9182, 0.4678, 0.3137

Protanomaly

32.4150, 0.3737, 0.3278

Deuteranomaly

32.8623, 0.4136, 0.3469

Tritanomaly

34.0340, 0.4723, 0.3187

Monochromacy



Original Color

33.9182, 0.4678, 0.3137

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.5552, 0.3652, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9182, 0.4678, 0.3137 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, 110, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 126)  
}
```

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, 110, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 126) }
```

Border

The CSS property to change the border of an element to Yxy 33.9182, 0.4678, 0.3137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

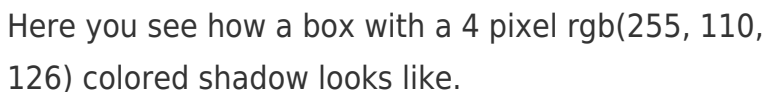
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 110, 126) }
```

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

```
.border{ border-color:rgb(255, 110, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 110, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 110, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 110, 126); box-shadow:4px 4px 4px 4px rgb(255, 110, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9182, 0.4678, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 126) }
```

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

```
.background{ background-color: rgb(255,  
110, 126) }
```

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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