

Converting Colors

Yxy(36.8968, 0.4309, 0.3173)

Have a look what the booklet for
Yxy(36.8968, 0.4309, 0.3173)
contains.

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Color

Yxy(37.0064, 0.4311, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	F5818C
RGB	245, 129, 140
RGB Percent	96%, 51%, 55%
CMY	0.0391, 0.4942, 0.4510
CMYK	0.00, 0.47, 0.43, 0.04
HSL	354°, 85%, 73%
HSV	354°, 47%, 96%
XYZ	50.2471, 37.0064, 29.3021
YIQ	164.9380, 65.6050, 28.0130

Conversions

Conversions Part 2

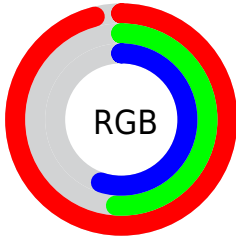
Format	Color
R _Y B	245, 129, 140
Decimal	16089484
CIE Lab	67.28, 45.32, 14.46
CIE LCh	67, 47.570, 17.702
Yxy	37.0064, 0.4311, 0.3175
Android (android.graphics.Color)	4294279564 (0xFFFF5818C)
YUV	164.9380, -12.2944, 70.2144
Hunter-Lab	60.8329, 40.9810, 14.0241

Details

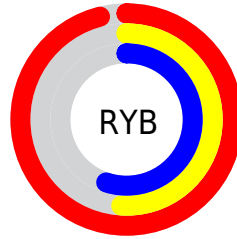
The Yxy color **37.0064, 0.4311, 0.3175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.9306, 0.2548, 0.3420**, and the grayscale version is **37.6317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3912, 0.3662, 0.3198**, and **16.2214, 0.4684, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **30.7199, 0.4723, 0.3159**, and if you desaturate by 10%, it is **44.9760, 0.3958, 0.3197**.

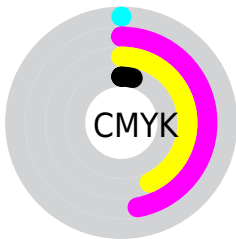
Distribution



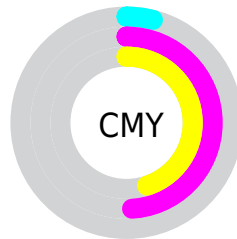
- Red (96%)
- Green (51%)
- Blue (55%)



- Red (96%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0064, 0.4311, 0.3175 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 37.0064, 0.4311, 0.3175 by changing the saturation by 10% instead.


 37.0064, 0.4311,
0.3175


 37.0064, 0.4311,
0.3175


333.3382, 0.3692,
0.3255


 25.2124, 0.4473,
0.3148


 70.5826, 0.4080,
0.3210

 16.2354, 0.4684,
0.3108


 93.1337, 0.3995,
0.3221

 9.6909, 0.4970,
0.3046


 120.0392, 0.3924,
0.3230

 5.1945, 0.5375,
0.2945

151.6837, 0.3863,
0.3237

 2.3618, 0.5981,
0.2761

188.4514, 0.3811,
0.3243

 0.8061, 0.7446,
0.2554

230.7268, 0.3766,

 0.0000, 1.0000,

0.3247


0.0000

278.8943, 0.3727,
0.3251

 0.0000, 0.0000,
0.0000


 37.0064, 0.4311,
0.3175


 37.0064, 0.4311,
0.3175

 30.7199, 0.4723,
0.3159

 44.9760, 0.3958,
0.3197

 25.9902, 0.5175,
0.3155

 54.7315, 0.3667,
0.3223

 22.6829, 0.5625,
0.3168


 66.3743, 0.3431,
0.3248


 20.6379, 0.6009,
0.3200

 79.9967, 0.3242,
0.3273

 19.6474, 0.6267,
0.3244

 95.6846, 0.3090,
0.3296

 19.4805, 0.6315,
0.3253

 98.1577, 0.3066,
0.3290

Harmonies

Analogous

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



37.0064, 0.3696, 0.2699



37.0064, 0.4311, 0.3175



37.0064, 0.4554, 0.3708

Triad

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



37.0064, 0.4311, 0.3175



37.0064, 0.3158, 0.4528



37.0064, 0.1983, 0.2274

Complementary

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



37.0064, 0.4311, 0.3175



75.9306, 0.2548, 0.3420

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.



37.0064, 0.1880, 0.2618



37.0064, 0.4311, 0.3175



37.0064, 0.2507, 0.3998

Square

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



37.0064, 0.4311, 0.3175



37.0064, 0.3838, 0.4568



37.0064, 0.2054, 0.3240



37.0064, 0.2352, 0.2198

Rectangle

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



37.0064, 0.4311, 0.3175



37.0064, 0.4468, 0.4058



37.0064, 0.2054, 0.3240



37.0064, 0.1919, 0.2357

Sweetspot

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



37.0083, 0.4311, 0.3175



77.3905, 0.3363, 0.3257



39.6870, 0.3077, 0.2102



15.9027, 0.3407, 0.3251



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.



37.0083, 0.4311, 0.3175



33.7774, 0.4713, 0.3160



51.8200, 0.4175, 0.3793



16.5080, 0.3279, 0.3268



10.5004, 0.6294, 0.3241



0.9313, 0.6068, 0.3116

Inverse Universe

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



37.0083, 0.4311, 0.3175



33.7774, 0.4713, 0.3160



51.9294, 0.2391, 0.2707



16.5080, 0.3279, 0.3268



10.5004, 0.6294, 0.3241



0.9313, 0.6068, 0.3116

Previews

White Background



This preview shows how the Yxy color 37.0064, 0.4311, 0.3175 looks on a white background.

Color Contrast Check

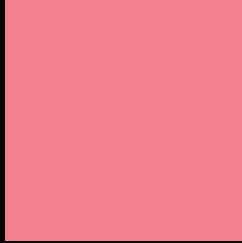
Large Text (above 18pt) WCAG AA × Fail

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 37.0064, 0.4311, 0.3175 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 37.0064, 0.4311, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 37.0064, 0.4311, 0.3175.



This preview shows how white text looks on a background with the Yxy color 37.0064, 0.4311, 0.3175.

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

37.0064, 0.4311, 0.3175

Protanopia

37.4546, 0.3227, 0.3376

Deuteranopia

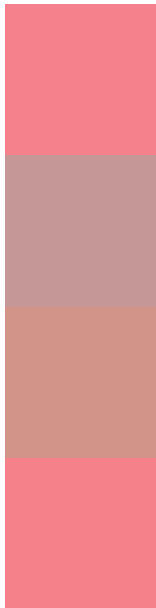
37.1501, 0.3670, 0.3604



Tritanopia

36.9771, 0.4322, 0.3186

Trichromacy



Original Color

37.0064, 0.4311, 0.3175

Protanomaly

36.2379, 0.3604, 0.3291

Deuteranomaly

36.3752, 0.3903, 0.3419

Tritanomaly

36.9771, 0.4322, 0.3186

Monochromacy



Original Color

37.0064, 0.4311, 0.3175

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3261, 0.3519, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0064, 0.4311, 0.3175 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(245, 129, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 129, 140)  
}
```

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(245, 129, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 129, 140) }
```

Border

The CSS property to change the border of an element to Yxy 37.0064, 0.4311, 0.3175 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(245, 129, 140) }
```

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

```
.border{ border-color:rgb(245, 129, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 129, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 129, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 129, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 129,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0064, 0.4311, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 129, 140) }
```

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

```
.background{ background-color: rgb(245,  
129, 140) }
```

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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