

Converting Colors

Yxy(37.4633, 0.4280, 0.3174)

Have a look what the booklet for
Yxy(37.4633, 0.4280, 0.3174)
contains.

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Color

Yxy(37.5981, 0.4277, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	F5838E
RGB	245, 131, 142
RGB Percent	96%, 51%, 56%
CMY	0.0393, 0.4862, 0.4432
CMYK	0.00, 0.47, 0.42, 0.04
HSL	354°, 85%, 74%
HSV	354°, 47%, 96%
XYZ	50.6479, 37.5981, 30.1732
YIQ	166.3400, 64.4130, 27.5890

Conversions

Conversions Part 2

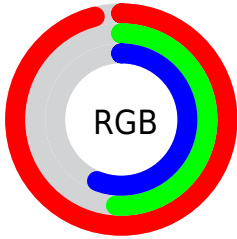
Format	Color
R_{YB}	245, 131, 142
Decimal	16089998
CIE _{Lab}	67.72, 44.49, 13.96
CIE _{LCh}	68, 46.625, 17.420
Yxy	37.5981, 0.4277, 0.3175
Android (android.graphics.Color)	4294280078 (0xFFFF5838E)
YUV	166.3400, -11.9996, 68.9848
Hunter-Lab	61.3173, 40.1352, 13.7465

Details

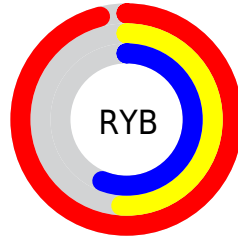
The Yxy color **37.5981, 0.4277, 0.3175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.0588, 0.2556, 0.3419**, and the grayscale version is **38.3444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3633, 0.3631, 0.3187**, and **16.5358, 0.4635, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **31.1775, 0.4684, 0.3158**, and if you desaturate by 10%, it is **45.7101, 0.3930, 0.3198**.

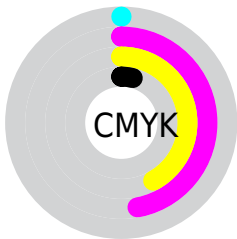
Distribution



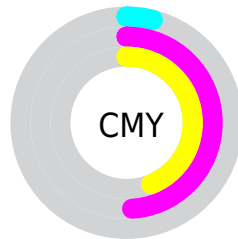
- Red (96%)
- Green (51%)
- Blue (56%)



- Red (96%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (47%)
- Yellow (42%)
- Black (4%)




- Cyan (4%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5981, 0.4277, 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 37.5981, 0.4277, 0.3175 by changing the saturation by 10% instead.


 37.5981, 0.4277,
0.3175


 37.5981, 0.4277,
0.3175


335.8928, 0.3677,
0.3253


 25.6709, 0.4433,
0.3148


 71.4917, 0.4054,
0.3209

 16.5776, 0.4637,
0.3110


 94.2269, 0.3971,
0.3220

 9.9338, 0.4913,
0.3051


 121.3336, 0.3902,
0.3228

 5.3551, 0.5304,
0.2955

153.1961, 0.3844,
0.3235

 2.4571, 0.5890,
0.2781

190.1989, 0.3793,
0.3241

 0.8550, 0.7375,
0.2625

232.7264, 0.3749,


 0.0000, 1.0000,


0.3246


0.0000


281.1629, 0.3711,
0.3250


 0.0000, 0.0000,
0.0000


 37.5981, 0.4277,
0.3175


 37.5981, 0.4277,
0.3175


 31.1775, 0.4684,
0.3158

 45.7101, 0.3930,
0.3198


 26.3235, 0.5134,
0.3153


 55.6154, 0.3644,
0.3224


 22.9030, 0.5586,
0.3164

 67.4146, 0.3413,
0.3250


 20.7587, 0.5978,
0.3195

 81.1994, 0.3228,
0.3275

 19.6939, 0.6249,
0.3239

 97.0552, 0.3079,
0.3298

 19.4723, 0.6313,
0.3252

 98.1481, 0.3066,
0.3290

Harmonies

Analogous

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



37.5981, 0.3676, 0.2708



37.5981, 0.4277, 0.3175



37.5981, 0.4519, 0.3698

Triad

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



37.5981, 0.4277, 0.3175



37.5981, 0.3167, 0.4497



37.5981, 0.2006, 0.2299

Complementary

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



37.5981, 0.4277, 0.3175



76.0588, 0.2556, 0.3419

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.



37.5981, 0.1907, 0.2640



37.5981, 0.4277, 0.3175



37.5981, 0.2528, 0.3985

Square

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



37.5981, 0.4277, 0.3175



37.5981, 0.3830, 0.4535



37.5981, 0.2082, 0.3250



37.5981, 0.2365, 0.2221

Rectangle

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



37.5981, 0.4277, 0.3175



37.5981, 0.4440, 0.4040



37.5981, 0.2082, 0.3250



37.5981, 0.1943, 0.2382

Sweetspot

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



37.6000, 0.4277, 0.3175



77.3931, 0.3363, 0.3256



40.2519, 0.3078, 0.2122



15.9033, 0.3406, 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.



37.6000, 0.4277, 0.3175



34.3973, 0.4667, 0.3159



52.3361, 0.4150, 0.3785



16.5084, 0.3279, 0.3268



10.5013, 0.6291, 0.3240



0.9315, 0.6063, 0.3114

Inverse Universe

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



37.6000, 0.4277, 0.3175



34.3973, 0.4667, 0.3159



52.4475, 0.2404, 0.2720



16.5084, 0.3279, 0.3268



10.5013, 0.6291, 0.3240



0.9315, 0.6063, 0.3114

Previews

White Background



This preview shows how the Yxy color 37.5981, 0.4277, 0.3175 looks on a white background.

Color Contrast Check

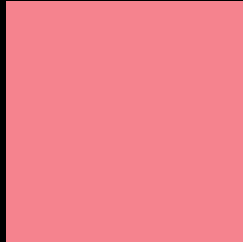
Large Text (above 18pt) WCAG AA × Fail

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 37.5981, 0.4277, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

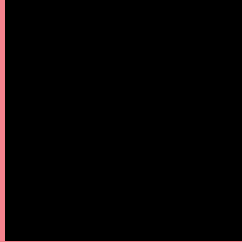
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5981, 0.4277, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 37.5981, 0.4277, 0.3175.



This preview shows how white text looks on a background with the Yxy color 37.5981, 0.4277, 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

37.5981, 0.4277, 0.3175

Protanopia

37.9944, 0.3218, 0.3361

Deuteranopia

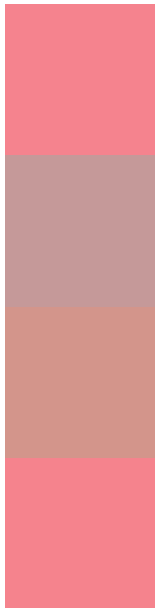
37.6788, 0.3657, 0.3589



Tritanopia

37.5682, 0.4289, 0.3186

Trichromacy



Original Color

37.5981, 0.4277, 0.3175

Protanomaly

36.9527, 0.3578, 0.3291

Deuteranomaly

37.2079, 0.3883, 0.3418

Tritanomaly

37.5682, 0.4289, 0.3186

Monochromacy



Original Color

37.5981, 0.4277, 0.3175

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.8189, 0.3517, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5981, 0.4277, 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, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 131, 142)  
}
```

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, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 131, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.5981, 0.4277, 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, 131, 142) }
```

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

```
.border{ border-color:rgb(245, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 131,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5981, 0.4277, 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, 131, 142) }
```

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

```
.background{ background-color: rgb(245,  
131, 142) }
```

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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