

Converting Colors

Yxy(30.7334, 0.4767, 0.3224)

Have a look what the booklet for
Yxy(30.7334, 0.4767, 0.3224)
contains.

Yxy(30.7334, 0.4767, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.7334, 0.4767, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	F46A71
RGB	244, 106, 113
RGB Percent	96%, 42%, 44%
CMY	0.0431, 0.5843, 0.5570
CMYK	0.00, 0.57, 0.54, 0.04
HSL	357°, 86%, 69%
HSV	357°, 57%, 96%
XYZ	45.4423, 30.7334, 19.1512
YIQ	148.0600, 80.0010, 31.4330

Conversions

Conversions Part 2

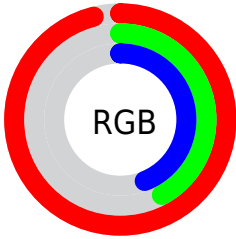
Format	Color
R _Y B	244, 106, 113
Decimal	16018033
CIE Lab	62.28, 53.55, 22.91
CIE LCh	62, 58.244, 23.164
Yxy	30.7334, 0.4767, 0.3224
Android (android.graphics.Color)	4294208113 (0xFFFF46A71)
YUV	148.0600, -17.2846, 84.1394
Hunter-Lab	55.4377, 49.3006, 18.3244

Details

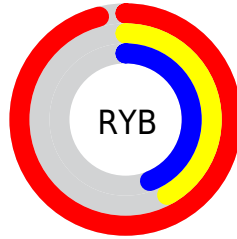
The Yxy color **30.7334, 0.4767, 0.3224** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.8844, 0.2446, 0.3373**, and the grayscale version is **29.6897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4664, 0.3994, 0.3250**, and **12.7301, 0.5316, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **25.9441, 0.5234, 0.3223**, and if you desaturate by 10%, it is **37.0895, 0.4339, 0.3232**.

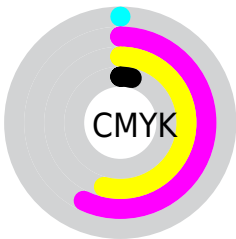
Distribution



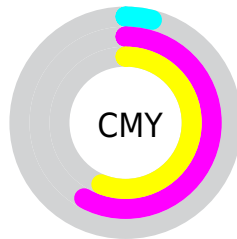
- Red (96%)
- Green (42%)
- Blue (44%)



- Red (96%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7334, 0.4767, 0.3224 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 30.7334, 0.4767, 0.3224 by changing the saturation by 10% instead.


 30.7334, 0.4767,
0.3224


 30.7334, 0.4767,
0.3224


305.3082, 0.3887,
0.3303

 20.3959, 0.5001,
0.3187


 60.8201, 0.4435,
0.3265

 12.6832, 0.5307,
0.3127


 81.3381, 0.4314,
0.3277

 7.2107, 0.5718,
0.3027


 106.0184, 0.4213,
0.3285

 3.5942, 0.6289,
0.2848

 135.2454, 0.4128,
0.3291

 1.4493, 0.7392,
0.2608

169.4035, 0.4055,
0.3295

 0.2526, 0.8747,
0.1253

208.8770, 0.3991,

 0.0000, 1.0000,

0.3299


0.0000


254.0505, 0.3936,
0.3301


 0.0000, 0.0000,
0.0000


 30.7334, 0.4767,
0.3224


 30.7334, 0.4767,
0.3224


 25.9441, 0.5234,
0.3223


 37.0895, 0.4339,
0.3232


 22.5813, 0.5693,
0.3231


 45.1268, 0.3973,
0.3243

 20.4885, 0.6074,
0.3250

 54.9551, 0.3671,
0.3256

 19.4676, 0.6313,
0.3275

 66.6732, 0.3428,
0.3269

 19.2609, 0.6363,
0.3279

 80.3729, 0.3233,
0.3282

96.1398, 0.3077,
0.3294

97.9736, 0.3060,
0.3290

Harmonies

Analogous

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



30.7334, 0.4028, 0.2636



30.7334, 0.4767, 0.3224



30.7334, 0.4945, 0.3872

Triad

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



30.7334, 0.4767, 0.3224



30.7334, 0.2965, 0.4873



30.7334, 0.1763, 0.1974

Complementary

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



30.7334, 0.4767, 0.3224



73.8844, 0.2446, 0.3373

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.



30.7334, 0.1579, 0.2306



30.7334, 0.4767, 0.3224



30.7334, 0.2189, 0.4048

Square

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



30.7334, 0.4767, 0.3224



30.7334, 0.3832, 0.4978



30.7334, 0.1711, 0.3022



30.7334, 0.2259, 0.1951

Rectangle

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



30.7334, 0.4767, 0.3224



30.7334, 0.4742, 0.4309



30.7334, 0.1711, 0.3022



30.7334, 0.1668, 0.2046

Sweetspot

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



30.7351, 0.4767, 0.3224



73.0189, 0.3439, 0.3269



34.4704, 0.3103, 0.1921



15.0383, 0.3484, 0.3266



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.



30.7351, 0.4767, 0.3224



27.9786, 0.5310, 0.3224



47.4764, 0.4424, 0.3925



16.4961, 0.3286, 0.3278



10.4785, 0.6348, 0.3271



0.9256, 0.6218, 0.3199

Inverse Universe

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



30.7351, 0.4767, 0.3224



27.9786, 0.5310, 0.3224



43.9629, 0.2249, 0.2506



16.4961, 0.3286, 0.3278



10.4785, 0.6348, 0.3271



0.9256, 0.6218, 0.3199

Previews

White Background



This preview shows how the Yxy color 30.7334, 0.4767, 0.3224 looks on a white background.

Color Contrast Check

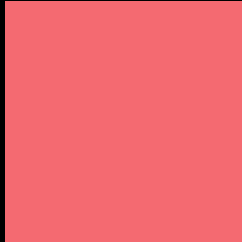
Large Text (above 18pt) WCAG AA × Fail

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 30.7334, 0.4767, 0.3224 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 30.7334, 0.4767, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 30.7334, 0.4767, 0.3224.



This preview shows how white text looks on a background with the Yxy color 30.7334, 0.4767, 0.3224.

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

30.7334, 0.4767, 0.3224

Protanopia

31.1235, 0.3364, 0.3553

Deuteranopia

31.0156, 0.3909, 0.3836



Tritanopia

30.7334, 0.4767, 0.3224

Trichromacy



Original Color

30.7334, 0.4767, 0.3224

Protanomaly

29.6531, 0.3851, 0.3417

Deuteranomaly

30.0332, 0.4230, 0.3578

Tritanomaly

30.7334, 0.4767, 0.3224

Monochromacy



Original Color

30.7334, 0.4767, 0.3224

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5916, 0.3685, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7334, 0.4767, 0.3224 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(244, 106, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 106, 113)  
}
```

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(244, 106, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 106, 113) }
```

Border

The CSS property to change the border of an element to Yxy 30.7334, 0.4767, 0.3224 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(244, 106, 113) }
```

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

```
.border{ border-color:rgb(244, 106, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 106, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 106, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 106, 113);  
box-shadow:4px 4px 4px 4px rgb(244, 106,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7334, 0.4767, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 106, 113) }
```

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

```
.background{ background-color: rgb(244,  
106, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor