

Converting Colors

$Y_{xy}(30.4143, 0.4626, 0.3068)$

Have a look what the booklet for
Yxy(30.4143, 0.4626, 0.3068)
contains.

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Color

Yxy(30.4143, 0.4626, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	F4677D
RGB	244, 103, 125
RGB Percent	96%, 40%, 49%
CMY	0.0432, 0.5960, 0.5097
CMYK	0.00, 0.58, 0.49, 0.04
HSL	351°, 86%, 68%
HSV	351°, 58%, 96%
XYZ	45.8594, 30.4143, 22.8603
YIQ	147.6670, 76.9740, 36.7340

Conversions

Conversions Part 2

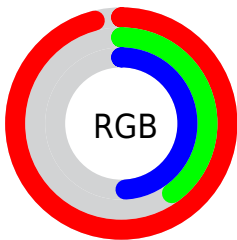
Format	Color
R_YB	244, 103, 125
Decimal	16017277
CIE Lab	62.01, 55.91, 15.63
CIE LCh	62, 58.056, 15.618
Yxy	30.4143, 0.4626, 0.3068
Android (android.graphics.Color)	4294207357 (0xFFFF4677D)
YUV	147.6670, -11.1748, 84.4840
Hunter-Lab	55.1492, 51.9209, 14.0277

Details

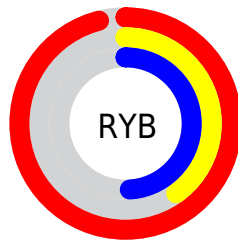
The Yxy color **30.4143, 0.4626, 0.3068** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72.8553, 0.2501, 0.3563**, and the grayscale version is **29.4942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2306, 0.3881, 0.3103**, and **12.5431, 0.5136, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **25.7763, 0.5052, 0.3057**, and if you desaturate by 10%, it is **36.5803, 0.4241, 0.3096**.

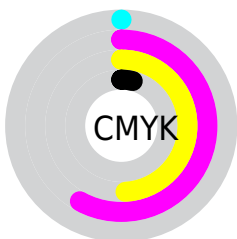
Distribution



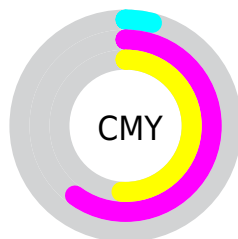
- Red (96%)
- Green (40%)
- Blue (49%)



- Red (96%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (49%)
- Black (4%)




- Cyan (4%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4143, 0.4626, 0.3068 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 30.4143, 0.4626, 0.3068 by changing the saturation by 10% instead.


 30.4143, 0.4626,
0.3068


 30.4143, 0.4626,
0.3068


303.8309, 0.3820,
0.3215

 20.1533, 0.4843,
0.3018


 60.3168, 0.4321,
0.3131


 12.5065, 0.5129,
0.2945


 80.7270, 0.4210,
0.3152

 7.0896, 0.5519,
0.2834


 105.2890, 0.4118,
0.3168

 3.5182, 0.6077,
0.2650

 134.3873, 0.4039,
0.3181

 1.4079, 0.7039,
0.2365

168.4063, 0.3973,
0.3192

 0.2225, 0.8906,
0.1094

207.7302, 0.3915,


 0.0000, 1.0000,


0.3201

0.0000


252.7436, 0.3865,
0.3209


 0.0000, 0.0000,
0.0000

 30.4143, 0.4626,
0.3068


 30.4143, 0.4626,
0.3068


 25.7763, 0.5052,
0.3057


 36.5803, 0.4241,
0.3096


 22.5277, 0.5485,
0.3072

 44.3875, 0.3912,
0.3134


 20.5127, 0.5873,
0.3115

 53.9440, 0.3640,
0.3177

 19.5214, 0.6161,
0.3182

 65.3471, 0.3419,
0.3219

 19.3724, 0.6212,
0.3195

 78.6871, 0.3241,
0.3260

 94.0484, 0.3098,
0.3298

 97.9720, 0.3060,
0.3290

Harmonies

Analogous

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



30.4143, 0.3789, 0.2507



30.4143, 0.4626, 0.3068



30.4143, 0.4959, 0.3706

Triad

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



30.4143, 0.4626, 0.3068



30.4143, 0.3184, 0.4973



30.4143, 0.1687, 0.2025

Complementary

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



30.4143, 0.4626, 0.3068



72.8553, 0.2501, 0.3563

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.



30.4143, 0.1581, 0.2448



30.4143, 0.4626, 0.3068



30.4143, 0.2362, 0.4303

Square

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



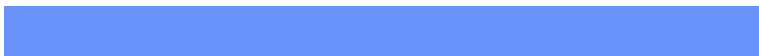
30.4143, 0.4626, 0.3068



30.4143, 0.4037, 0.4899



30.4143, 0.1797, 0.3263



30.4143, 0.2103, 0.1931

Rectangle

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



30.4143, 0.4626, 0.3068



30.4143, 0.4845, 0.4146



30.4143, 0.1797, 0.3263



30.4143, 0.1618, 0.2125

Sweetspot

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



30.4159, 0.4626, 0.3068



73.2559, 0.3405, 0.3222



31.5275, 0.2967, 0.1840



15.0934, 0.3445, 0.3214



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.



30.4159, 0.4626, 0.3068



27.9104, 0.5113, 0.3058



42.0261, 0.4566, 0.3787



16.5247, 0.3269, 0.3253



10.5469, 0.6182, 0.3179



0.9392, 0.5876, 0.3010

Inverse Universe

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



30.4159, 0.4626, 0.3068



27.9104, 0.5113, 0.3058



49.3480, 0.2275, 0.2680



16.5247, 0.3269, 0.3253



10.5469, 0.6182, 0.3179



0.9392, 0.5876, 0.3010

Previews

White Background



This preview shows how the Yxy color 30.4143, 0.4626, 0.3068 looks on a white background.

Color Contrast Check

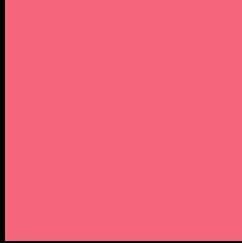
Large Text (above 18pt) WCAG AA × Fail

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 30.4143, 0.4626, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

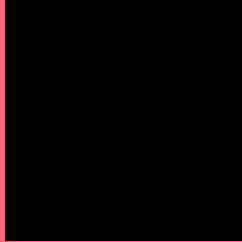
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4143, 0.4626, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 30.4143, 0.4626, 0.3068.



This preview shows how white text looks on a background with the Yxy color 30.4143, 0.4626, 0.3068.

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

30.4143, 0.4626, 0.3068

Protanopia

30.7549, 0.3167, 0.3306

Deuteranopia

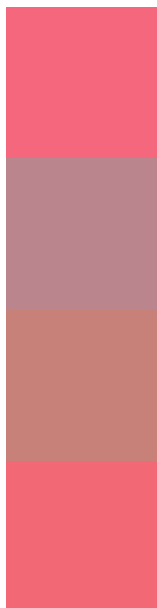
30.3685, 0.3741, 0.3674



Tritanopia

30.3277, 0.4777, 0.3224

Trichromacy



Original Color

30.4143, 0.4626, 0.3068

Protanomaly

29.1076, 0.3661, 0.3193

Deuteranomaly

29.3604, 0.4066, 0.3399

Tritanomaly

30.2397, 0.4717, 0.3161

Monochromacy



Original Color

30.4143, 0.4626, 0.3068

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.4633, 0.3630, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4143, 0.4626, 0.3068 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, 103, 125)` looks like.

```
.text, #text, p{  
    color:rgb(244, 103, 125)  
}
```

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, 103, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 103, 125) }
```

Border

The CSS property to change the border of an element to Yxy 30.4143, 0.4626, 0.3068 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, 103, 125) }
```

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

```
.border{ border-color:rgb(244, 103, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 103, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 103, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 103, 125); box-shadow:4px 4px 4px 4px rgb(244, 103, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4143, 0.4626, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 103, 125) }
```

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

```
.background{ background-color: rgb(244,  
103, 125) }
```

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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