

Converting Colors

Yxy(30.0418, 0.4805, 0.3183)

Have a look what the booklet for
Yxy(30.0418, 0.4805, 0.3183)
contains.

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Color

Yxy(30.1075, 0.4801, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	F56671
RGB	245, 102, 113
RGB Percent	96%, 40%, 44%
CMY	0.0393, 0.5999, 0.5569
CMYK	0.00, 0.58, 0.54, 0.04
HSL	355°, 88%, 68%
HSV	355°, 58%, 96%
XYZ	45.3834, 30.1075, 19.0381
YIQ	146.0110, 81.6970, 33.7370

Conversions

Conversions Part 2

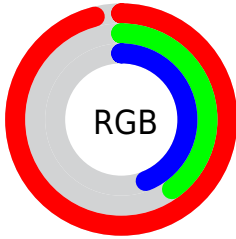
Format	Color
R _Y B	245, 102, 113
Decimal	16082545
CIE Lab	61.75, 55.69, 22.21
CIE LCh	62, 59.951, 21.744
Yxy	30.1075, 0.4801, 0.3185
Android (android.graphics.Color)	4294272625 (0xFFFF56671)
YUV	146.0110, -16.2744, 86.8134
Hunter-Lab	54.8703, 51.6149, 17.8376

Details

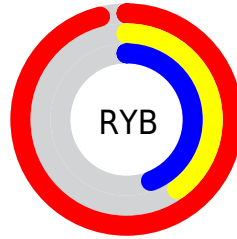
The Yxy color **30.1075, 0.4801, 0.3185** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.0627, 0.2448, 0.3422**, and the grayscale version is **28.7952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4303, 0.4005, 0.3219**, and **12.3257, 0.5356, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **25.5357, 0.5262, 0.3184**, and if you desaturate by 10%, it is **36.2319, 0.4375, 0.3196**.

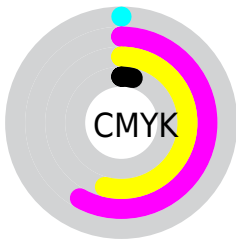
Distribution



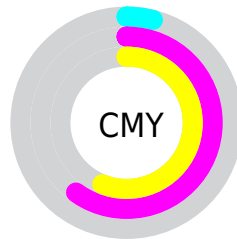
- Red (96%)
- Green (40%)
- Blue (44%)



- Red (96%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1075, 0.4801, 0.3185 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 30.1075, 0.4801, 0.3185 by changing the saturation by 10% instead.


 30.1075, 0.4801,
0.3185


 30.1075, 0.4801,
0.3185


302.4052, 0.3901,
0.3285


 19.9202, 0.5041,
0.3142


 59.8321, 0.4461,
0.3234

 12.3370, 0.5355,
0.3075


 80.1383, 0.4337,
0.3249

 6.9737, 0.5779,
0.2964


 104.5861, 0.4234,
0.3259

 3.4456, 0.6367,
0.2770

 133.5601, 0.4146,
0.3267

 1.3686, 0.7495,
0.2505

167.4446, 0.4072,
0.3274

 0.1934, 0.9008,
0.0992

206.6240, 0.4007,


 0.0000, 1.0000,


0.3278


0.0000


251.4828, 0.3950,
0.3282

 0.0000, 0.0000,
0.0000


 30.1075, 0.4801,
0.3185


 30.1075, 0.4801,
0.3185


 25.5357, 0.5262,
0.3184


 36.2319, 0.4375,
0.3196

 22.3726, 0.5711,
0.3197

 44.0262, 0.4008,
0.3214


 20.4558, 0.6079,
0.3225


 53.6022, 0.3705,
0.3234

 19.5569, 0.6311,
0.3261

 65.0607, 0.3459,
0.3254

 19.4558, 0.6337,
0.3265

 78.4948, 0.3261,
0.3274

 93.9915, 0.3104,
0.3293

 98.1495, 0.3066,
0.3290

Harmonies

Analogous

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



30.1075, 0.4013, 0.2589



30.1075, 0.4801, 0.3185



30.1075, 0.5010, 0.3846

Triad

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



30.1075, 0.4801, 0.3185



30.1075, 0.2995, 0.4962



30.1075, 0.1708, 0.1942

Complementary

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



30.1075, 0.4801, 0.3185



74.0627, 0.2448, 0.3422

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.



30.1075, 0.1535, 0.2297



30.1075, 0.4801, 0.3185



30.1075, 0.2187, 0.4129

Square

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



30.1075, 0.4801, 0.3185



30.1075, 0.3886, 0.5022



30.1075, 0.1682, 0.3053



30.1075, 0.2199, 0.1908

Rectangle

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



30.1075, 0.4801, 0.3185



30.1075, 0.4811, 0.4298



30.1075, 0.1682, 0.3053



30.1075, 0.1616, 0.2021

Sweetspot

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



30.1091, 0.4801, 0.3185



71.6948, 0.3452, 0.3255



33.4347, 0.3078, 0.1876



14.5111, 0.3518, 0.3249



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.



30.1091, 0.4801, 0.3185



27.2394, 0.5346, 0.3185



46.0661, 0.4496, 0.3916



16.5031, 0.3282, 0.3272



10.4904, 0.6319, 0.3254



0.9290, 0.6128, 0.3149

Inverse Universe

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



30.1091, 0.4801, 0.3185



27.2394, 0.5346, 0.3185



44.2907, 0.2232, 0.2509



16.5031, 0.3282, 0.3272



10.4904, 0.6319, 0.3254



0.9290, 0.6128, 0.3149

Previews

White Background



This preview shows how the Yxy color 30.1075, 0.4801, 0.3185 looks on a white background.

Color Contrast Check

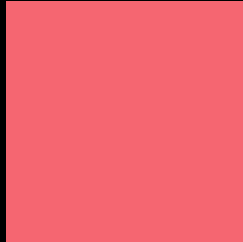
Large Text (above 18pt) WCAG AA × Fail

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 30.1075, 0.4801, 0.3185 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 30.1075, 0.4801, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 30.1075, 0.4801, 0.3185.



This preview shows how white text looks on a background with the Yxy color 30.1075, 0.4801, 0.3185.

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

30.1075, 0.4801, 0.3185

Protanopia

30.3121, 0.3337, 0.3509

Deuteranopia

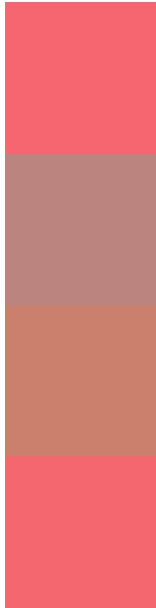
30.1505, 0.3908, 0.3828



Tritanopia

30.2171, 0.4847, 0.3235

Trichromacy



Original Color

30.1075, 0.4801, 0.3185

Protanomaly

28.7262, 0.3841, 0.3362

Deuteranomaly

29.0990, 0.4239, 0.3541

Tritanomaly

30.2388, 0.4834, 0.3225

Monochromacy



Original Color

30.1075, 0.4801, 0.3185

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.6316, 0.3696, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1075, 0.4801, 0.3185 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, 102, 113)` looks like.

```
.text, #text, p{  
    color:rgb(245, 102, 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(245, 102, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 102, 113) }
```

Border

The CSS property to change the border of an element to Yxy 30.1075, 0.4801, 0.3185 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, 102, 113) }
```

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

```
.border{ border-color:rgb(245, 102, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 102, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 102, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 102, 113);  
box-shadow:4px 4px 4px 4px rgb(245, 102,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1075, 0.4801, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 102, 113) }
```

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

```
.background{ background-color: rgb(245,  
102, 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](#).

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