

Converting Colors

$Y_{xy}(30.4030, 0.4191, 0.2660)$

Have a look what the booklet for
Yxy(30.4030, 0.4191, 0.2660)
contains.

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Color

Yxy(30.4717, 0.4184, 0.2660)

Conversions

Conversions Part 1

Format	Color
Hex	F4629F
RGB	244, 98, 159
RGB Percent	96%, 38%, 62%
CMY	0.0432, 0.6156, 0.3765
CMYK	0.00, 0.60, 0.35, 0.04
HSL	335°, 87%, 67%
HSV	335°, 60%, 96%
XYZ	47.9299, 30.4717, 36.1536
YIQ	148.6080, 67.4350, 49.9230

Conversions

Conversions Part 2

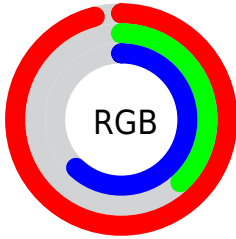
Format	Color
R_{YB}	244, 98, 159
Decimal	16016031
CIE _{Lab}	62.06, 61.52, -3.91
CIE _{LCh}	62, 61.641, 356.365
Yxy	30.4717, 0.4184, 0.2660
Android (android.graphics.Color)	4294206111 (0xFFFF4629F)
YUV	148.6080, 5.1233, 83.6588
Hunter-Lab	55.2012, 58.3854, -0.1908

Details

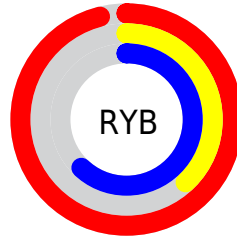
The Yxy color **30.4717, 0.4184, 0.2660** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **70.7104, 0.2660, 0.4095**, and the grayscale version is **29.8419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5577, 0.3530, 0.2687**, and **12.5962, 0.4525, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **26.1160, 0.4468, 0.2603**, and if you desaturate by 10%, it is **36.2784, 0.3928, 0.2747**.

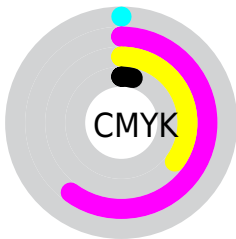
Distribution



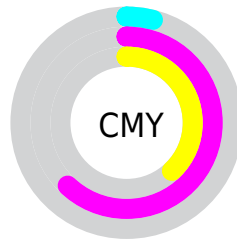
- Red (96%)
- Green (38%)
- Blue (62%)



- Red (96%)
- Yellow (38%)
- Blue (62%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (4%)




- Cyan (4%)
- Magenta (62%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4717, 0.4184, 0.2660 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 30.4717, 0.4184, 0.2660 by changing the saturation by 10% instead.


 30.4717, 0.4184,
0.2660


 30.4717, 0.4184,
0.2660


304.0970, 0.3626,
0.2988


 20.1969, 0.4332,
0.2575


 60.4073, 0.3975,
0.2782


 12.5383, 0.4528,
0.2464


 80.8370, 0.3898,
0.2827

 7.1114, 0.4796,
0.2313


 105.4204, 0.3834,
0.2864

 3.5318, 0.5184,
0.2098

 134.5418, 0.3780,
0.2896

 1.4153, 0.5788,
0.1774

168.5859, 0.3733,
0.2924

 0.2280, 0.7331,
0.0812

207.9368, 0.3693,

 0.0000, 1.0000,

0.2948


0.0000


252.9791, 0.3657,
0.2969


 0.0000, 0.0000,
0.0000

 30.4717, 0.4184,
0.2660


 30.4717, 0.4184,
0.2660


 26.1160, 0.4468,
0.2603


 36.2784, 0.3928,
0.2747


 23.0735, 0.4768,
0.2590


 43.6475, 0.3706,
0.2852


 21.1882, 0.5066,
0.2629

 52.6852, 0.3518,
0.2964

 20.2025, 0.5342,
0.2718

 63.4867, 0.3361,
0.3078

 20.1883, 0.5347,
0.2719

 76.1402, 0.3232,
0.3188

■ 90.7278, 0.3125,
0.3292

■ 97.9706, 0.3060,
0.3290

Harmonies

Analogous

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



30.4717, 0.3163, 0.2174



30.4717, 0.4184, 0.2660



30.4717, 0.4917, 0.3279

Triad

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



30.4717, 0.4184, 0.2660



30.4717, 0.3759, 0.5102



30.4717, 0.1512, 0.2193

Complementary

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



30.4717, 0.4184, 0.2660



70.7104, 0.2660, 0.4095

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.



30.4717, 0.1608, 0.2896



30.4717, 0.4184, 0.2660



30.4717, 0.2848, 0.4923

Square

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



30.4717, 0.4184, 0.2660



30.4717, 0.4559, 0.4633



30.4717, 0.2062, 0.3976



30.4717, 0.1736, 0.1892

Rectangle

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



30.4717, 0.4184, 0.2660



30.4717, 0.5062, 0.3726



30.4717, 0.2062, 0.3976



30.4717, 0.1507, 0.2379

Sweetspot

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



30.4733, 0.4184, 0.2660



72.5266, 0.3336, 0.3098



25.0623, 0.2593, 0.1637



14.7111, 0.3378, 0.3065



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.



30.4733, 0.4184, 0.2660



27.9586, 0.4537, 0.2596



30.7862, 0.4941, 0.3392



16.5974, 0.3228, 0.3192



11.0045, 0.5307, 0.2697



0.9872, 0.4983, 0.2519

Inverse Universe

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



30.4733, 0.4184, 0.2660



27.9586, 0.4537, 0.2596



68.1198, 0.2365, 0.3168



16.5974, 0.3228, 0.3192



11.0045, 0.5307, 0.2697



0.9872, 0.4983, 0.2519

Previews

White Background



This preview shows how the Yxy color 30.4717, 0.4184, 0.2660 looks on a white background.

Color Contrast Check

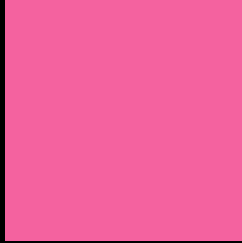
Large Text (above 18pt) WCAG AA × Fail

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 30.4717, 0.4184, 0.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

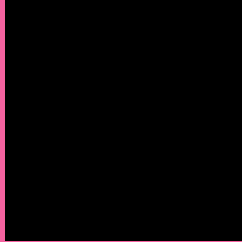
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4717, 0.4184, 0.2660

Background



This preview shows how black text looks on a background with the Yxy color 30.4717, 0.4184, 0.2660.



This preview shows how white text looks on a background with the Yxy color 30.4717, 0.4184, 0.2660.

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

30.4717, 0.4184, 0.2660

Protanopia

30.8319, 0.2683, 0.2672

Deuteranopia

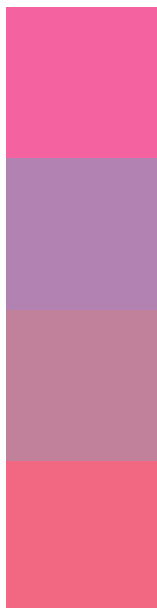
30.7173, 0.3257, 0.3201



Tritanopia

30.4540, 0.4706, 0.3212

Trichromacy



Original Color

30.4717, 0.4184, 0.2660

Protanomaly

28.6849, 0.3148, 0.2619

Deuteranomaly

29.4045, 0.3577, 0.2941

Tritanomaly

30.4166, 0.4520, 0.3011

Monochromacy



Original Color

30.4717, 0.4184, 0.2660

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.4555, 0.3496, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4717, 0.4184, 0.2660 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, 98, 159)` looks like.

```
.text, #text, p{  
    color:rgb(244, 98, 159)  
}
```

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, 98, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 98, 159) }
```

Border

The CSS property to change the border of an element to Yxy 30.4717, 0.4184, 0.2660 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, 98, 159) }
```

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

```
.border{ border-color:rgb(244, 98, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 98, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 98, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 98, 159);  
box-shadow:4px 4px 4px 4px rgb(244, 98,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4717, 0.4184, 0.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 98, 159) }
```

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

```
.background{ background-color: rgb(244, 98,  
159) }
```

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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