

Converting Colors

$Y_{xy}(30.5622, 0.4360, 0.2625)$

Have a look what the booklet for
Yxy(30.5622, 0.4360, 0.2625)
contains.

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Color

Yxy(30.5107, 0.4360, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	FF579D
RGB	255, 87, 157
RGB Percent	100%, 34%, 62%
CMY	0.0000, 0.6588, 0.3843
CMYK	0.00, 0.66, 0.38, 0.00
HSL	335°, 100%, 67%
HSV	335°, 66%, 100%
XYZ	50.7348, 30.5107, 35.1187
YIQ	145.2120, 77.6580, 57.3860

Conversions

Conversions Part 2

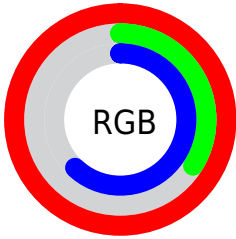
Format	Color
R_{YB}	255, 87, 157
Decimal	16734109
CIE Lab	62.09, 68.99, -2.52
CIE LCh	62, 69.036, 357.911
Yxy	30.5107, 0.4360, 0.2622
Android (android.graphics.Color)	4294924189 (0xFFFF579D)
YUV	145.2120, 5.8115, 96.2841
Hunter-Lab	55.2365, 67.2887, 0.9696

Details

The Yxy color **30.5107, 0.4360, 0.2622** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **77.0491, 0.2637, 0.4194**, and the grayscale version is **28.3601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5209, 0.3574, 0.2627**, and **12.5083, 0.4750, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **26.6091, 0.4657, 0.2591**, and if you desaturate by 10%, it is **35.9348, 0.4084, 0.2692**.

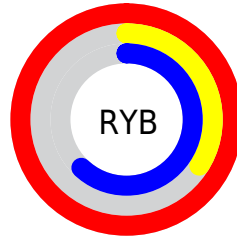
Distribution



Red (100%)

Green (34%)

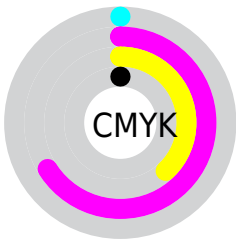
Blue (62%)



Red (100%)

Yellow (34%)

Blue (62%)

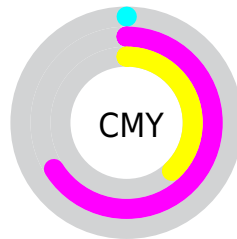


Cyan (0%)

Magenta (66%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5107, 0.4360, 0.2622 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 30.5107, 0.4360, 0.2622 by changing the saturation by 10% instead.


 30.5107, 0.4360,
0.2622


 30.5107, 0.4360,
0.2622


304.2777, 0.3710,
0.2971

 20.2265, 0.4532,
0.2531


 60.4689, 0.4116,
0.2752


 12.5598, 0.4758,
0.2412


 80.9117, 0.4027,
0.2800

 7.1262, 0.5067,
0.2252


 105.5095, 0.3952,
0.2840

 3.5411, 0.5510,
0.2024

 134.6468, 0.3889,
0.2874

 1.4203, 0.6185,
0.1682

168.7078, 0.3834,
0.2903

 0.2316, 0.7854,
0.0754

208.0771, 0.3787,


 0.0000, 1.0000,


0.2929


0.0000


253.1389, 0.3746,
0.2951

 0.0000, 0.0000,
0.0000


 30.5107, 0.4360,
0.2622

 30.5107, 0.4360,
0.2622


 26.6091, 0.4657,
0.2591


 35.9348, 0.4084,
0.2692


 24.0614, 0.4960,
0.2610


 43.0167, 0.3840,
0.2787


 22.6668, 0.5246,
0.2684

 51.8819, 0.3630,
0.2896

 22.3061, 0.5357,
0.2725

 62.6426, 0.3454,
0.3009

 75.4015, 0.3308,
0.3122

 90.2541, 0.3188,
0.3230

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



30.5107, 0.3216, 0.2092



30.5107, 0.4360, 0.2622



30.5107, 0.5146, 0.3285

Triad

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



30.5107, 0.4360, 0.2622



30.5107, 0.3734, 0.5318



30.5107, 0.1376, 0.2047

Complementary

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



30.5107, 0.4360, 0.2622



77.0491, 0.2637, 0.4194

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.



30.5107, 0.1450, 0.2780



30.5107, 0.4360, 0.2622



30.5107, 0.2741, 0.5114

Square

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



30.5107, 0.4360, 0.2622



30.5107, 0.4632, 0.4766



30.5107, 0.1906, 0.3990



30.5107, 0.1632, 0.1756

Rectangle

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



30.5107, 0.4360, 0.2622



30.5107, 0.5263, 0.3763



30.5107, 0.1906, 0.3990



30.5107, 0.1363, 0.2235

Sweetspot

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



30.5123, 0.4360, 0.2622



69.8958, 0.3365, 0.3076



24.0075, 0.2520, 0.1483



14.1996, 0.3406, 0.3044



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.



30.5123, 0.4360, 0.2622



25.6771, 0.4752, 0.2591



30.7224, 0.5230, 0.3394



18.1126, 0.3228, 0.3191



11.6835, 0.5315, 0.2702



1.1588, 0.5020, 0.2539

Inverse Universe

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



30.5123, 0.4360, 0.2622



25.6771, 0.4752, 0.2591



73.8279, 0.2318, 0.3154



18.1126, 0.3228, 0.3191



11.6835, 0.5315, 0.2702



1.1588, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 30.5107, 0.4360, 0.2622 looks on a white background.

Color Contrast Check

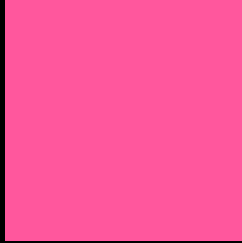
Large Text (above 18pt) WCAG AA × Fail

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 30.5107, 0.4360, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

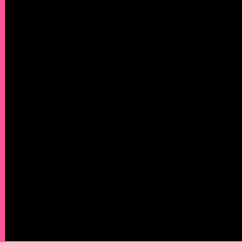
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5107, 0.4360, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 30.5107, 0.4360, 0.2622.



This preview shows how white text looks on a background with the Yxy color 30.5107, 0.4360, 0.2622.

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

30.5107, 0.4360, 0.2622

Protanopia

30.8837, 0.2630, 0.2604

Deuteranopia

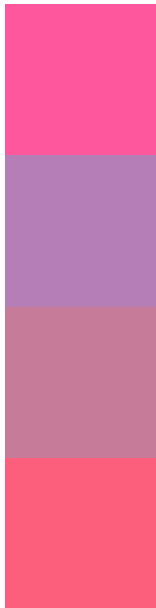
30.4201, 0.3300, 0.3231



Tritanopia

30.4528, 0.4977, 0.3239

Trichromacy



Original Color

30.5107, 0.4360, 0.2622

Protanomaly

28.1229, 0.3152, 0.2535

Deuteranomaly

28.6881, 0.3683, 0.2922

Tritanomaly

30.3351, 0.4758, 0.3015

Monochromacy



Original Color

30.5107, 0.4360, 0.2622

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

26.8995, 0.3569, 0.2942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5107, 0.4360, 0.2622 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(255, 87, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 157)  
}
```

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(255, 87, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.5107, 0.4360, 0.2622 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(255, 87, 157) }
```

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

```
.border{ border-color:rgb(255, 87, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 87, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5107, 0.4360, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 157) }
```

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

```
.background{ background-color: rgb(255, 87,  
157) }
```

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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