

Converting Colors

$Yxy(34.5361, 0.3351, 0.1917)$

Have a look what the booklet for
Yxy(34.5361, 0.3351, 0.1917)
contains.

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Color

Yxy(34.4714, 0.3352, 0.1916)

Conversions

Conversions Part 1

Format	Color
Hex	FF58EF
RGB	255, 88, 239
RGB Percent	100%, 35%, 94%
CMY	0.0000, 0.6548, 0.0628
CMYK	0.00, 0.65, 0.06, 0.00
HSL	306°, 100%, 67%
HSV	306°, 65%, 100%
XYZ	60.3070, 34.4714, 85.1350
YIQ	155.1470, 51.0610, 82.3650

Conversions

Conversions Part 2

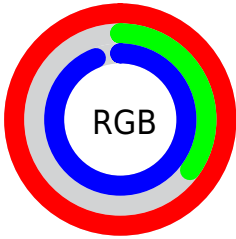
Format	Color
R _{YB}	255, 88, 239
Decimal	16734447
CIE Lab	65.34, 79.07, -44.02
CIE LCh	65, 90.494, 330.894
Yxy	34.4714, 0.3352, 0.1916
Android (android.graphics.Color)	4294924527 (0xFFFF58EF)
YUV	155.1470, 41.3395, 87.5711
Hunter-Lab	58.7123, 80.6014, -44.8740

Details

The Yxy color **34.4714, 0.3352, 0.1916** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **74.5904, 0.2975, 0.5248**, and the grayscale version is **32.6471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6598, 0.3176, 0.2257**, and **14.9795, 0.3384, 0.1638** is the 20% darker color. If you saturate the color by 10%, you get **30.8491, 0.3390, 0.1796**, and if you desaturate by 10%, it is **39.5620, 0.3313, 0.2076**.

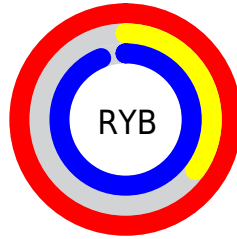
Distribution



Red (100%)

Green (35%)

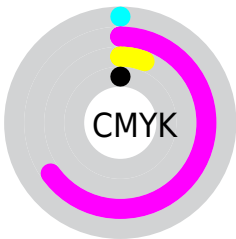
Blue (94%)



Red (100%)

Yellow (35%)

Blue (94%)

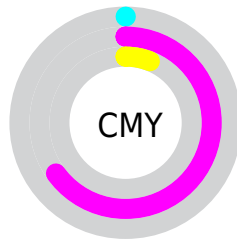


Cyan (0%)

Magenta (65%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4714, 0.3352, 0.1916 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 34.4714, 0.3352, 0.1916 by changing the saturation by 10% instead.


 34.4714, 0.3352,
0.1916


 34.4714, 0.3352,
0.1916


322.2289, 0.3272,
0.2537


 23.2560, 0.3363,
0.1781


 66.6661, 0.3330,
0.2127


 14.7826, 0.3373,
0.1619


 88.4141, 0.3319,
0.2210

 8.6670, 0.3380,
0.1422


 114.4418, 0.3310,
0.2283

 4.5246, 0.3377,
0.1181

 145.1335, 0.3301,
0.2346

 1.9711, 0.3353,
0.0885

180.8737, 0.3293,
0.2402

 0.5906, 0.3286,
0.0510


222.0468, 0.3285,


 0.0000, 0.3129,

0.2452

0.0000

269.0370, 0.3278,
0.2497


 0.0000, 0.2225,
0.0000


 0.0000, 0.0000,
0.0000


 34.4714, 0.3352,
0.1916


 34.4714, 0.3352,
0.1916

 30.8491, 0.3390,
0.1796


 39.5620, 0.3313,
0.2076


 28.5300, 0.3425,
0.1721


 46.2534, 0.3275,
0.2268


 27.3175, 0.3457,
0.1690

 54.6687, 0.3237,
0.2483

 27.0036, 0.3471,
0.1686

 64.9175, 0.3202,
0.2710

 77.1006, 0.3170,
0.2941

 91.3112, 0.3142,
0.3169

99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



34.4714, 0.2136, 0.1547



34.4714, 0.3352, 0.1916



34.4714, 0.4793, 0.2532

Triad

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



34.4714, 0.3352, 0.1916



34.4714, 0.4724, 0.5031



34.4714, 0.1116, 0.2489

Complementary

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



34.4714, 0.3352, 0.1916



74.5904, 0.2975, 0.5248

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.



34.4714, 0.1546, 0.3984



34.4714, 0.3352, 0.1916



34.4714, 0.3613, 0.5823

Square

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



34.4714, 0.3352, 0.1916



34.4714, 0.5542, 0.4089



34.4714, 0.2462, 0.5577



34.4714, 0.1096, 0.1724

Rectangle

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



34.4714, 0.3352, 0.1916



34.4714, 0.5483, 0.3017



34.4714, 0.2462, 0.5577



34.4714, 0.1207, 0.2905

Sweetspot

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



34.4730, 0.3352, 0.1916



71.3551, 0.3185, 0.2837



17.0230, 0.1923, 0.1212



14.5511, 0.3194, 0.2772



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.



34.4730, 0.3352, 0.1916



29.8956, 0.3402, 0.1765



30.6957, 0.4349, 0.2624



18.2686, 0.3153, 0.3078



14.1233, 0.3467, 0.1683



1.3835, 0.3434, 0.1665

Inverse Universe

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



34.4730, 0.3352, 0.1916



29.8956, 0.3402, 0.1765



77.1112, 0.2638, 0.4187



18.2686, 0.3153, 0.3078



14.1233, 0.3467, 0.1683



1.3835, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 34.4714, 0.3352, 0.1916 looks on a white background.

Color Contrast Check

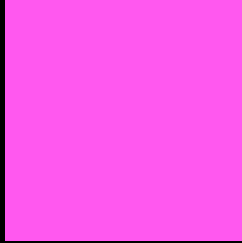
Large Text (above 18pt) WCAG AA × Fail

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 34.4714, 0.3352, 0.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

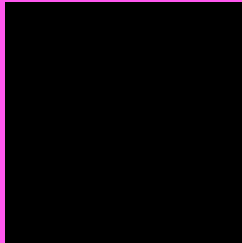
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4714, 0.3352, 0.1916

Background



This preview shows how black text looks on a background with the Yxy color 34.4714, 0.3352, 0.1916.

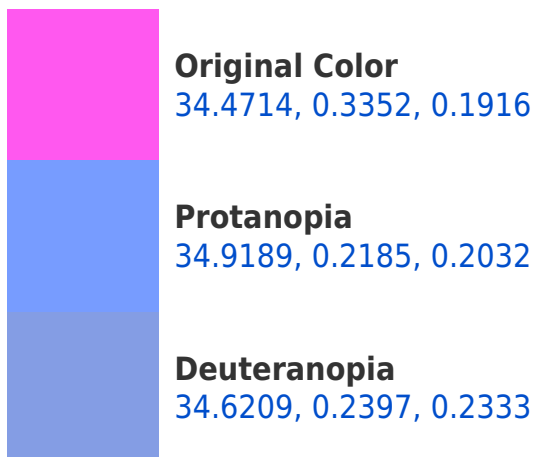


This preview shows how white text looks on a background with the Yxy color 34.4714, 0.3352, 0.1916.

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





Tritanopia

34.3144, 0.4466, 0.3208

Trichromacy



Original Color

34.4714, 0.3352, 0.1916



Protanomaly

31.3970, 0.2488, 0.1888



Deuteranomaly

31.6758, 0.2678, 0.2071



Tritanomaly

33.5760, 0.4050, 0.2667

Monochromacy



Original Color

34.4714, 0.3352, 0.1916



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

30.8541, 0.3213, 0.2578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4714, 0.3352, 0.1916 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, 88, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 239)  
}
```

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, 88, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 239) }
```

Border

The CSS property to change the border of an element to Yxy 34.4714, 0.3352, 0.1916 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, 88, 239) }
```

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

```
.border{ border-color:rgb(255, 88, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4714, 0.3352, 0.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 239) }
```

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

```
.background{ background-color: rgb(255, 88,  
239) }
```

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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