

Converting Colors

$Y_{xy}(60.1055, 0.3287, 0.2702)$

Have a look what the booklet for
Yxy(60.1055, 0.3287, 0.2702)
contains.

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Color

Yxy(60.1345, 0.3284, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4EF
RGB	255, 180, 239
RGB Percent	100%, 71%, 94%
CMY	0.0001, 0.2941, 0.0626
CMYK	0.00, 0.29, 0.06, 0.00
HSL	313°, 100%, 85%
HSV	313°, 29%, 100%
XYZ	73.1414, 60.1345, 89.4445
YIQ	209.1510, 25.7610, 34.2490

Conversions

Conversions Part 2

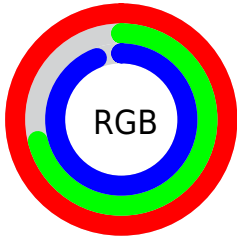
Format	Color
R _Y B	255, 180, 239
Decimal	16757999
CIE Lab	81.91, 36.16, -18.50
CIE LCh	82, 40.615, 332.907
Yxy	60.1345, 0.3284, 0.2700
Android (android.graphics.Color)	4294948079 (0xFFFFB4EF)
YUV	209.1510, 14.7156, 40.2096
Hunter-Lab	77.5464, 32.6539, -14.1044

Details

The Yxy color $60.1345, 0.3284, 0.2700$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.1976, 0.3002, 0.3963$, and the grayscale version is $63.7559, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $30.2109, 0.3313, 0.2564$ is the 20% darker color. If you saturate the color by 10%, you get $50.4554, 0.3352, 0.2500$, and if you desaturate by 10%, it is $71.7222, 0.3223, 0.2905$.

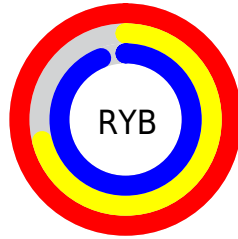
Distribution



Red (100%)

Green (71%)

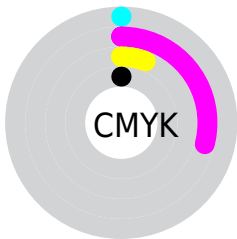
Blue (94%)



Red (100%)

Yellow (71%)

Blue (94%)

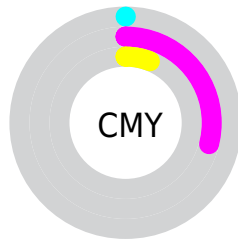


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1345, 0.3284, 0.2700 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 60.1345, 0.3284, 0.2700 by changing the saturation by 10% instead.


 60.1345, 0.3284,
0.2700

 60.1345, 0.3284,
0.2700


425.0934, 0.3215,
0.2968

 43.5271, 0.3299,
0.2640

 105.0248, 0.3261,
0.2792

 30.2989, 0.3316,
0.2567


134.0763, 0.3252,
0.2828

 20.0655, 0.3338,
0.2476


168.0448, 0.3244,
0.2859

 12.4427, 0.3364,
0.2359

207.3145, 0.3237,
0.2886

 7.0459, 0.3398,
0.2203

252.2697, 0.3231,
0.2910

 3.4908, 0.3441,
0.1988


303.2951, 0.3225,


 1.3930, 0.3497,


0.2931


0.1672


360.7748, 0.3220,
0.2950

 0.2116, 0.3745,
0.0715

 0.0000, 0.0902,
0.0000


 60.1345, 0.3284,
0.2700


 60.1345, 0.3284,
0.2700

 50.4554, 0.3352,
0.2500

 71.7222, 0.3223,
0.2905

 42.5728, 0.3428,
0.2312

 85.3065, 0.3170,
0.3107

 36.3754, 0.3509,
0.2148

99.9971, 0.3127,
0.3290

 31.7360, 0.3594,
0.2018

■ 28.5093, 0.3679,
0.1930

■ 26.5227, 0.3763,
0.1889

■ 25.5111, 0.3842,
0.1892

■ 25.4630, 0.3847,
0.1893

Harmonies

Analogous

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



60.1345, 0.2770, 0.2501



60.1345, 0.3284, 0.2700



60.1345, 0.3792, 0.3029

Triad

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



60.1345, 0.3284, 0.2700



60.1345, 0.3880, 0.4142



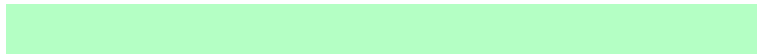
60.1345, 0.2229, 0.3019

Complementary

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



60.1345, 0.3284, 0.2700



85.1976, 0.3002, 0.3963

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.



60.1345, 0.2479, 0.3532



60.1345, 0.3284, 0.2700



60.1345, 0.3425, 0.4233

Square

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



60.1345, 0.3284, 0.2700



60.1345, 0.4143, 0.3832



60.1345, 0.2912, 0.4008



60.1345, 0.2198, 0.2646

Rectangle

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



60.1345, 0.3284, 0.2700



60.1345, 0.4038, 0.3293



60.1345, 0.2912, 0.4008



60.1345, 0.2289, 0.3181

Sweetspot

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



60.1372, 0.3284, 0.2700



85.9110, 0.3168, 0.3115



51.4672, 0.2710, 0.2452



17.9354, 0.3175, 0.3086



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.



60.1372, 0.3284, 0.2700



54.4990, 0.3321, 0.2587



58.1908, 0.3588, 0.3058



18.2303, 0.3171, 0.3105



13.3296, 0.3835, 0.1886



1.3136, 0.3749, 0.1839

Inverse Universe

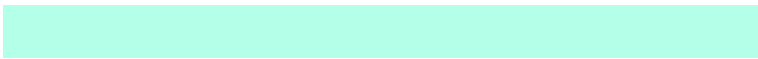
The Inverse Universe completely reimagines the original color for something new.



60.1372, 0.3284, 0.2700



54.4990, 0.3321, 0.2587



87.0685, 0.2812, 0.3537



18.2303, 0.3171, 0.3105



13.3296, 0.3835, 0.1886



1.3136, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 60.1345, 0.3284, 0.2700 looks on a white background.

Color Contrast Check

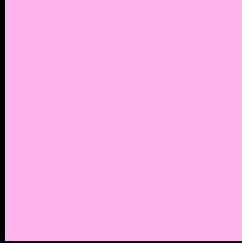
Large Text (above 18pt) WCAG AA × Fail

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 60.1345, 0.3284, 0.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

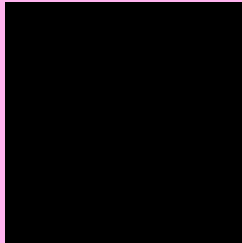
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1345, 0.3284, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 60.1345, 0.3284, 0.2700.



This preview shows how white text looks on a background with the Yxy color 60.1345, 0.3284, 0.2700.

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

60.1345, 0.3284, 0.2700

Protanopia

60.6033, 0.2717, 0.2710

Deuteranopia

60.4583, 0.2944, 0.2878



Tritanopia

60.0817, 0.3545, 0.3144

Trichromacy



Original Color

60.1345, 0.3284, 0.2700



Protanomaly

59.8702, 0.2901, 0.2696



Deuteranomaly

59.9824, 0.3065, 0.2806



Tritanomaly

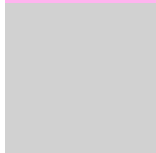
59.8827, 0.3450, 0.2970

Monochromacy



Original Color

60.1345, 0.3284, 0.2700



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.7242, 0.3185, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1345, 0.3284, 0.2700 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, 180, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.1345, 0.3284, 0.2700 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, 180, 239) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1345, 0.3284, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 239) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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