

Converting Colors

$Y_{xy}(60.6055, 0.3385, 0.2854)$

Have a look what the booklet for
Yxy(60.6055, 0.3385, 0.2854)
contains.

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Color

Yxy(60.6180, 0.3385, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7E2
RGB	255, 183, 226
RGB Percent	100%, 72%, 89%
CMY	0.0001, 0.2823, 0.1136
CMYK	0.00, 0.28, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 28%, 100%
XYZ	71.8963, 60.6180, 79.8824
YIQ	209.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

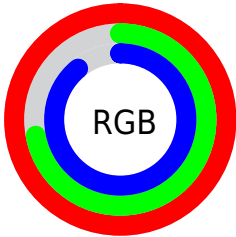
Format	Color
R _Y B	255, 183, 226
Decimal	16758754
CIE Lab	82.17, 32.42, -11.12
CIE LCh	82, 34.269, 341.068
Yxy	60.6180, 0.3385, 0.2854
Android (android.graphics.Color)	4294948834 (0xFFFFB7E2)
YUV	209.4300, 8.1690, 39.9649
Hunter-Lab	77.8576, 28.5821, -6.3316

Details

The Yxy color $60.6180, 0.3385, 0.2854$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.3232, 0.2935, 0.3772$, and the grayscale version is $63.9892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $30.5111, 0.3440, 0.2745$ is the 20% darker color. If you saturate the color by 10%, you get $50.4906, 0.3509, 0.2695$, and if you desaturate by 10%, it is $72.6897, 0.3279, 0.3013$.

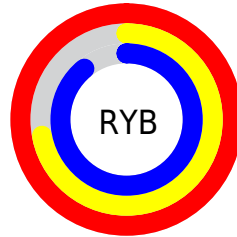
Distribution



Red (100%)

Green (72%)

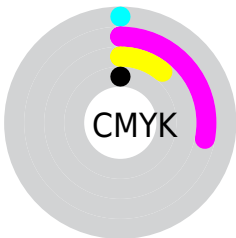
Blue (89%)



Red (100%)

Yellow (72%)

Blue (89%)

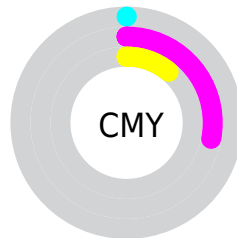


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6180, 0.3385, 0.2854 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 60.6180, 0.3385, 0.2854 by changing the saturation by 10% instead.


 60.6180, 0.3385,
0.2854

 60.6180, 0.3385,
0.2854


426.8720, 0.3266,
0.3055

 43.9170, 0.3412,
0.2808


 105.7256, 0.3344,
0.2923

 30.6052, 0.3446,
0.2752


134.9010, 0.3327,
0.2950

 20.2984, 0.3489,
0.2682


169.0033, 0.3314,
0.2974

 12.6122, 0.3545,
0.2590

208.4169, 0.3301,
0.2994

 7.1620, 0.3621,
0.2466

253.5261, 0.3291,
0.3012

 3.5636, 0.3731,
0.2289


304.7155, 0.3281,

 1.4326, 0.3902,


0.3028


0.2019

362.3693, 0.3273,
0.3042

 0.2406, 0.4462,
0.1039


 0.0000, 0.0000,
0.0000


 60.6180, 0.3385,
0.2854


 60.6180, 0.3385,
0.2854

 50.4906, 0.3509,
0.2695


 72.6897, 0.3279,
0.3013

 42.1958, 0.3653,
0.2545

 86.7932, 0.3190,
0.3168

 35.6231, 0.3815,
0.2413

99.9948, 0.3127,
0.3290

 30.6466, 0.3992,
0.2311

■ 27.1230, 0.4178,
0.2251

■ 24.8832, 0.4367,
0.2243

■ 23.6942, 0.4550,
0.2287

■ 23.5354, 0.4582,
0.2298

Harmonies

Analogous

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



60.6180, 0.2939, 0.2647



60.6180, 0.3385, 0.2854



60.6180, 0.3781, 0.3162

Triad

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



60.6180, 0.3385, 0.2854



60.6180, 0.3676, 0.4053



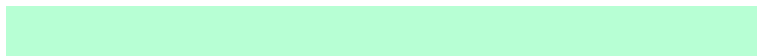
60.6180, 0.2334, 0.2967

Complementary

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



60.6180, 0.3385, 0.2854



86.3232, 0.2935, 0.3772

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.



60.6180, 0.2503, 0.3376



60.6180, 0.3385, 0.2854



60.6180, 0.3267, 0.4050

Square

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



60.6180, 0.3385, 0.2854



60.6180, 0.3947, 0.3842



60.6180, 0.2839, 0.3793



60.6180, 0.2359, 0.2689

Rectangle

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



60.6180, 0.3385, 0.2854



60.6180, 0.3948, 0.3396



60.6180, 0.2839, 0.3793



60.6180, 0.2369, 0.3093

Sweetspot

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



60.6207, 0.3385, 0.2854



87.1506, 0.3188, 0.3172



55.0587, 0.2834, 0.2513



18.1694, 0.3200, 0.3149



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.



60.6207, 0.3385, 0.2854



54.5501, 0.3455, 0.2762



58.8551, 0.3688, 0.3216



18.1694, 0.3200, 0.3149



12.3310, 0.4553, 0.2282



1.2223, 0.4358, 0.2174

Inverse Universe

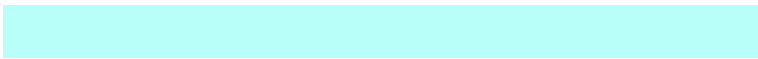
The Inverse Universe completely reimagines the original color for something new.



60.6207, 0.3385, 0.2854



54.5501, 0.3455, 0.2762



88.3353, 0.2751, 0.3366



18.1694, 0.3200, 0.3149



12.3310, 0.4553, 0.2282



1.2223, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 60.6180, 0.3385, 0.2854 looks on a white background.

Color Contrast Check

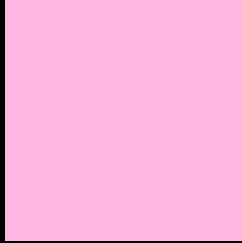
Large Text (above 18pt) WCAG AA × Fail

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 60.6180, 0.3385, 0.2854 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 60.6180, 0.3385, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 60.6180, 0.3385, 0.2854.



This preview shows how white text looks on a background with the Yxy color 60.6180, 0.3385, 0.2854.

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

60.6180, 0.3385, 0.2854

Protanopia

60.9496, 0.2848, 0.2883

Deuteranopia

60.7735, 0.3086, 0.3022



Tritanopia

60.5004, 0.3553, 0.3134

Trichromacy



Original Color

60.6180, 0.3385, 0.2854



Protanomaly

60.4804, 0.3032, 0.2874



Deuteranomaly

60.3447, 0.3190, 0.2955



Tritanomaly

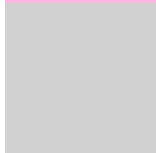
60.7036, 0.3488, 0.3032

Monochromacy



Original Color

60.6180, 0.3385, 0.2854



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.3836, 0.3220, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6180, 0.3385, 0.2854 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, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 226)  
}
```

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, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.6180, 0.3385, 0.2854 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, 183, 226) }
```

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

```
.border{ border-color:rgb(255, 183, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6180, 0.3385, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 226) }
```

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

```
.background{ background-color: rgb(255,  
183, 226) }
```

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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