

Converting Colors

$Y_{xy}(65.7093, 0.3607, 0.2820)$

Have a look what the booklet for
Yxy(65.7093, 0.3607, 0.2820)
contains.

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Color

Yxy(59.2134, 0.3358, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E6
RGB	255, 179, 230
RGB Percent	100%, 70%, 90%
CMY	0.0000, 0.2981, 0.0980
CMYK	0.00, 0.30, 0.10, 0.00
HSL	320°, 100%, 85%
HSV	320°, 30%, 100%
XYZ	71.6535, 59.2134, 82.5147
YIQ	207.5380, 28.9250, 31.9730

Conversions

Conversions Part 2

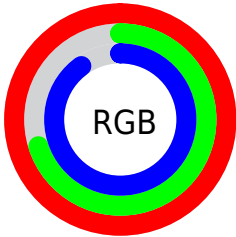
Format	Color
R _Y B	255, 179, 230
Decimal	16757734
CIE Lab	81.41, 35.20, -14.40
CIE LCh	81, 38.026, 337.754
Yxy	59.2134, 0.3358, 0.2775
Android (android.graphics.Color)	4294947814 (0xFFFFB3E6)
YUV	207.5380, 11.0738, 41.6242
Hunter-Lab	76.9502, 31.5504, -9.7122

Details

The Yxy color $59.2134, 0.3358, 0.2775$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.4613, 0.2954, 0.3869$, and the grayscale version is $62.6693, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $29.5935, 0.3413, 0.2658$ is the 20% darker color. If you saturate the color by 10%, you get $49.4557, 0.3462, 0.2600$, and if you desaturate by 10%, it is $70.8738, 0.3268, 0.2953$.

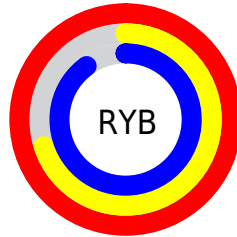
Distribution



Red (100%)

Green (70%)

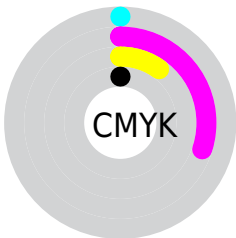
Blue (90%)



Red (100%)

Yellow (70%)

Blue (90%)

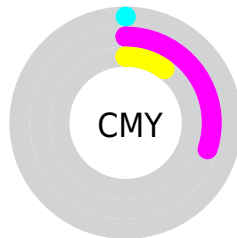


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2134, 0.3358, 0.2775 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 59.2134, 0.3358, 0.2775 by changing the saturation by 10% instead.

 59.2134, 0.3358,
0.2775

 59.2134, 0.3358,
0.2775


421.6923, 0.3252,
0.3011

 42.7849, 0.3382,
0.2722


 103.6878, 0.3322,
0.2856

 29.7164, 0.3411,
0.2656


132.5024, 0.3307,
0.2888

 19.6234, 0.3448,
0.2574


166.2146, 0.3295,
0.2916

 12.1216, 0.3495,
0.2467

205.2087, 0.3284,
0.2940

 6.8266, 0.3559,
0.2324

249.8692, 0.3275,
0.2961

 3.3539, 0.3648,
0.2123

300.5803, 0.3267,

 1.3191, 0.3781,

0.2979

0.1820

357.7265, 0.3259,
0.2996

0.1560, 0.4304,
0.0659

0.0000, 0.0000,
0.0000

59.2134, 0.3358,
0.2775

59.2134, 0.3358,
0.2775

49.4557, 0.3462,
0.2600

70.8738, 0.3268,
0.2953

41.5107, 0.3579,
0.2436

84.5483, 0.3191,
0.3127

35.2589, 0.3710,
0.2293

100.0000, 0.3127,
0.3290

30.5722, 0.3850,
0.2183

■ 27.3042, 0.3994,
0.2117

■ 25.2804, 0.4139,
0.2100

■ 24.2220, 0.4279,
0.2132

■ 24.2053, 0.4282,
0.2132

Harmonies

Analogous

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



59.2134, 0.2864, 0.2563



59.2134, 0.3358, 0.2775



59.2134, 0.3817, 0.3104

Triad

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



59.2134, 0.3358, 0.2775



59.2134, 0.3779, 0.4125



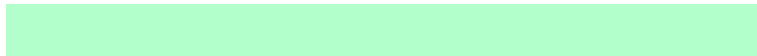
59.2134, 0.2258, 0.2969

Complementary

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



59.2134, 0.3358, 0.2775



85.4613, 0.2954, 0.3869

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.



59.2134, 0.2465, 0.3438



59.2134, 0.3358, 0.2775



59.2134, 0.3333, 0.4161

Square

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



59.2134, 0.3358, 0.2775



59.2134, 0.4061, 0.3862



59.2134, 0.2852, 0.3902



59.2134, 0.2263, 0.2643

Rectangle

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



59.2134, 0.3358, 0.2775



59.2134, 0.4023, 0.3359



59.2134, 0.2852, 0.3902



59.2134, 0.2304, 0.3115

Sweetspot

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



59.2085, 0.3358, 0.2775



85.7447, 0.3185, 0.3140



52.1600, 0.2767, 0.2454



17.8943, 0.3195, 0.3116



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.



59.2085, 0.3358, 0.2775



52.9512, 0.3420, 0.2666



57.3421, 0.3675, 0.3146



18.1928, 0.3189, 0.3132



12.6765, 0.4259, 0.2120



1.2545, 0.4109, 0.2037

Inverse Universe

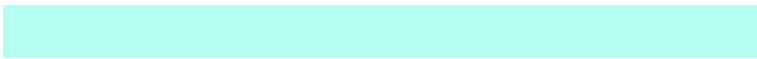
The Inverse Universe completely reimagines the original color for something new.



59.2085, 0.3358, 0.2775



52.9512, 0.3420, 0.2666



87.4570, 0.2764, 0.3441



18.1928, 0.3189, 0.3132



12.6765, 0.4259, 0.2120



1.2545, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 59.2134, 0.3358, 0.2775 looks on a white background.

Color Contrast Check

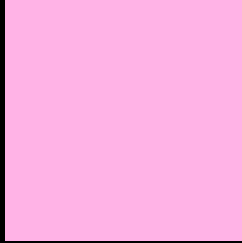
Large Text (above 18pt) WCAG AA × Fail

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 59.2134, 0.3358, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

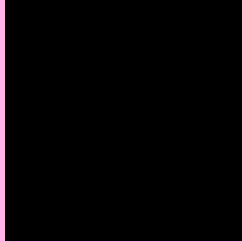
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2134, 0.3358, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 59.2134, 0.3358, 0.2775.



This preview shows how white text looks on a background with the Yxy color 59.2134, 0.3358, 0.2775.

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

59.2134, 0.3358, 0.2775

Protanopia

59.6424, 0.2782, 0.2802

Deuteranopia

59.3274, 0.3020, 0.2952



Tritanopia

59.3307, 0.3574, 0.3144

Trichromacy



Original Color

59.2134, 0.3358, 0.2775



Protanomaly

58.9709, 0.2975, 0.2786



Deuteranomaly

58.7592, 0.3139, 0.2877



Tritanomaly

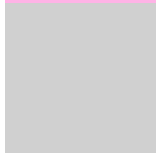
59.2156, 0.3493, 0.3010

Monochromacy



Original Color

59.2134, 0.3358, 0.2775



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

60.8979, 0.3208, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2134, 0.3358, 0.2775 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, 179, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 230)  
}
```

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, 179, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 230) }
```

Border

The CSS property to change the border of an element to Yxy 59.2134, 0.3358, 0.2775 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, 179, 230) }
```

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

```
.border{ border-color:rgb(255, 179, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2134, 0.3358, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 230) }
```

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

```
.background{ background-color: rgb(255,  
179, 230) }
```

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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