

Converting Colors

$Y_{xy}(59.2679, 0.3322, 0.2728)$

Have a look what the booklet for
Yxy(59.2679, 0.3322, 0.2728)
contains.

Yxy(59.4407, 0.3325, 0.2737)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4407, 0.3325, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3EA
RGB	255, 179, 234
RGB Percent	100%, 70%, 92%
CMY	0.0000, 0.2980, 0.0823
CMYK	0.00, 0.30, 0.08, 0.00
HSL	317°, 100%, 85%
HSV	317°, 30%, 100%
XYZ	72.2106, 59.4407, 85.5234
YIQ	207.9940, 27.6410, 33.2170

Conversions

Conversions Part 2

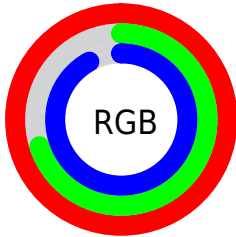
Format	Color
R _Y B	255, 179, 234
Decimal	16757738
CIE Lab	81.53, 35.84, -16.37
CIE LCh	82, 39.398, 335.447
Yxy	59.4407, 0.3325, 0.2737
Android (android.graphics.Color)	4294947818 (0xFFFFB3EA)
YUV	207.9940, 12.8210, 41.2243
Hunter-Lab	77.0978, 32.2638, -11.8010

Details

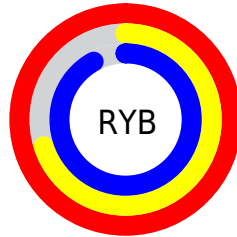
The Yxy color $59.4407, 0.3325, 0.2737$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.2677, 0.2975, 0.3916$, and the grayscale version is $62.9764, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $29.7519, 0.3368, 0.2610$ is the 20% darker color. If you saturate the color by 10%, you get $49.7528, 0.3413, 0.2550$, and if you desaturate by 10%, it is $71.0398, 0.3248, 0.2927$.

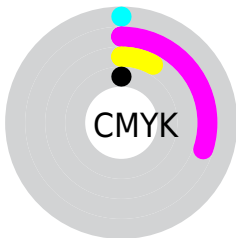
Distribution



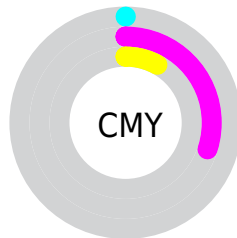
- Red (100%)
- Green (70%)
- Blue (92%)



- Red (100%)
- Yellow (70%)
- Blue (92%)



- Cyan (0%)
- Magenta (30%)
- Yellow (8%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4407, 0.3325, 0.2737 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 59.4407, 0.3325, 0.2737 by changing the saturation by 10% instead.

 59.4407, 0.3325,
0.2737

 59.4407, 0.3325,
0.2737


422.5331, 0.3236,
0.2989

 42.9680, 0.3345,
0.2680


 104.0179, 0.3295,
0.2824

 29.8600, 0.3369,
0.2611


132.8912, 0.3283,
0.2858

 19.7323, 0.3398,
0.2524


166.6668, 0.3272,
0.2887

 12.2006, 0.3436,
0.2412

205.7291, 0.3263,
0.2913

 6.8805, 0.3486,
0.2261

250.4624, 0.3255,
0.2935

 3.3875, 0.3554,
0.2052


301.2513, 0.3248,

 1.3372, 0.3651,

0.2955


0.1740


358.4801, 0.3242,
0.2973


 0.1697, 0.4046,
0.0653


 0.0000, 0.0000,
0.0000


 59.4407, 0.3325,
0.2737


 59.4407, 0.3325,
0.2737

 49.7528, 0.3413,
0.2550


 71.0398, 0.3248,
0.2927

 41.8636, 0.3511,
0.2376

 84.6386, 0.3182,
0.3114

 35.6611, 0.3618,
0.2223

99.9982, 0.3127,
0.3290

 31.0175, 0.3732,
0.2104

■ 27.7866, 0.3848,
0.2028

■ 25.7943, 0.3963,
0.2001

■ 24.7619, 0.4075,
0.2019

■ 24.7447, 0.4077,
0.2020

Harmonies

Analogous

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



59.4407, 0.2818, 0.2530



59.4407, 0.3325, 0.2737



59.4407, 0.3810, 0.3068

Triad

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



59.4407, 0.3325, 0.2737



59.4407, 0.3830, 0.4139



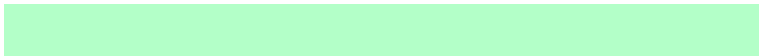
59.4407, 0.2239, 0.2990

Complementary

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



59.4407, 0.3325, 0.2737



85.2677, 0.2975, 0.3916

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.



59.4407, 0.2467, 0.3482



59.4407, 0.3325, 0.2737



59.4407, 0.3376, 0.4201

Square

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



59.4407, 0.3325, 0.2737



59.4407, 0.4105, 0.3851



59.4407, 0.2878, 0.3955



59.4407, 0.2228, 0.2640

Rectangle

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



59.4407, 0.3325, 0.2737



59.4407, 0.4036, 0.3328



59.4407, 0.2878, 0.3955



59.4407, 0.2292, 0.3144

Sweetspot

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



59.4434, 0.3325, 0.2737



85.8201, 0.3177, 0.3129



51.6420, 0.2740, 0.2448



17.9129, 0.3186, 0.3102



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.



59.4434, 0.3325, 0.2737



53.2198, 0.3378, 0.2620



57.5209, 0.3641, 0.3107



18.2098, 0.3181, 0.3119



12.9573, 0.4059, 0.2010



1.2801, 0.3939, 0.1944

Inverse Universe

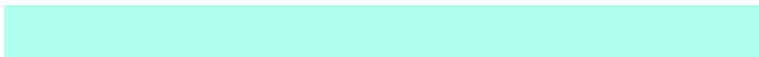
The Inverse Universe completely reimagines the original color for something new.



59.4434, 0.3325, 0.2737



53.2198, 0.3378, 0.2620



87.2282, 0.2783, 0.3484



18.2098, 0.3181, 0.3119



12.9573, 0.4059, 0.2010



1.2801, 0.3939, 0.1944

Previews

White Background



This preview shows how the Yxy color 59.4407, 0.3325, 0.2737 looks on a white background.

Color Contrast Check

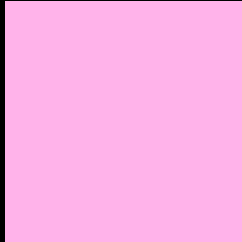
Large Text (above 18pt) WCAG AA × Fail

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 59.4407, 0.3325, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

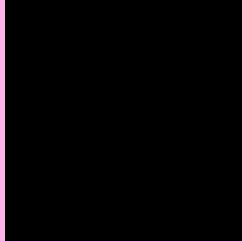
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4407, 0.3325, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 59.4407, 0.3325, 0.2737.



This preview shows how white text looks on a background with the Yxy color 59.4407, 0.3325, 0.2737.

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

59.4407, 0.3325, 0.2737

Protanopia

59.8193, 0.2745, 0.2750

Deuteranopia

59.8593, 0.2985, 0.2920



Tritanopia

59.3773, 0.3565, 0.3134

Trichromacy



Original Color

59.4407, 0.3325, 0.2737



Protanomaly

59.1187, 0.2934, 0.2734



Deuteranomaly

59.2565, 0.3101, 0.2846



Tritanomaly

59.3159, 0.3476, 0.2990

Monochromacy



Original Color

59.4407, 0.3325, 0.2737



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

60.9498, 0.3200, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4407, 0.3325, 0.2737 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 234) }
```

Border

The CSS property to change the border of an element to Yxy 59.4407, 0.3325, 0.2737 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, 234) }
```

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

```
.border{ border-color:rgb(255, 179, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4407, 0.3325, 0.2737 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
179, 234) }
```

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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