

Converting Colors

Yxy(59.2446, 0.3325, 0.2731)

Have a look what the booklet for
Yxy(59.2446, 0.3325, 0.2731)
contains.

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Color

Yxy(59.0413, 0.3326, 0.2727)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2EA
RGB	255, 178, 234
RGB Percent	100%, 70%, 92%
CMY	0.0000, 0.3019, 0.0823
CMYK	0.00, 0.30, 0.08, 0.00
HSL	316°, 100%, 85%
HSV	316°, 30%, 100%
XYZ	72.0100, 59.0413, 85.4551
YIQ	207.4070, 27.9160, 33.7400

Conversions

Conversions Part 2

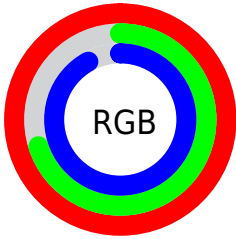
Format	Color
R _Y B	255, 178, 234
Decimal	16757482
CIE Lab	81.31, 36.36, -16.70
CIE LCh	81, 40.008, 335.329
Yxy	59.0413, 0.3326, 0.2727
Android (android.graphics.Color)	4294947562 (0xFFFFB2EA)
YUV	207.4070, 13.1103, 41.7391
Hunter-Lab	76.8383, 32.8165, -12.1520

Details

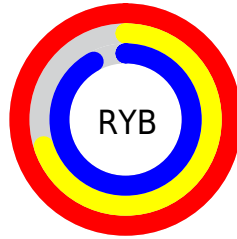
The Yxy color **59.0413, 0.3326, 0.2727** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.1013, 0.2975, 0.3929**, and the grayscale version is **62.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **29.5000, 0.3370, 0.2598** is the 20% darker color. If you saturate the color by 10%, you get **49.4304, 0.3413, 0.2540**, and if you desaturate by 10%, it is **70.5590, 0.3250, 0.2918**.

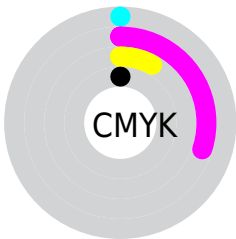
Distribution



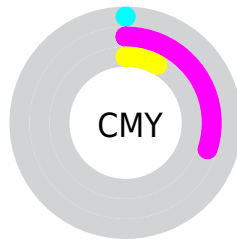
- Red (100%)
- Green (70%)
- Blue (92%)



- 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 59.0413, 0.3326, 0.2727 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 59.0413, 0.3326, 0.2727 by changing the saturation by 10% instead.

 59.0413, 0.3326,
0.2727

 59.0413, 0.3326,
0.2727


421.0549, 0.3237,
0.2984

 42.6464, 0.3346,
0.2669


 103.4377, 0.3296,
0.2815

 29.6077, 0.3370,
0.2599

132.2079, 0.3284,
0.2850

 19.5410, 0.3400,
0.2510


165.8721, 0.3273,
0.2880

 12.0619, 0.3437,
0.2396

204.8145, 0.3264,
0.2906

 6.7858, 0.3487,
0.2243

249.4196, 0.3256,
0.2929

 3.3285, 0.3555,
0.2029


300.0718, 0.3249,

 1.3056, 0.3650,


0.2949


0.1713


357.1554, 0.3242,
0.2967


 0.1455, 0.4064,
0.0569


 0.0000, 0.0000,
0.0000

 59.0413, 0.3326,
0.2727


 59.0413, 0.3326,
0.2727

 49.4304, 0.3413,
0.2540


 70.5590, 0.3250,
0.2918

 41.6136, 0.3510,
0.2365

 84.0722, 0.3184,
0.3106

 35.4783, 0.3616,
0.2213

99.6739, 0.3128,
0.3287

 30.8961, 0.3728,
0.2095

99.9978, 0.3127,
0.3290

■ 27.7201, 0.3843,
0.2020

■ 25.7746, 0.3956,
0.1994

■ 24.7827, 0.4063,
0.2012

Harmonies

Analogous

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



59.0413, 0.2811, 0.2517



59.0413, 0.3326, 0.2727



59.0413, 0.3821, 0.3062

Triad

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



59.0413, 0.3326, 0.2727



59.0413, 0.3843, 0.4152



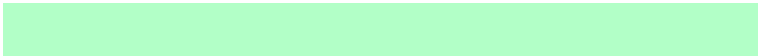
59.0413, 0.2225, 0.2985

Complementary

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



59.0413, 0.3326, 0.2727



85.1013, 0.2975, 0.3929

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.



59.0413, 0.2457, 0.3488



59.0413, 0.3326, 0.2727



59.0413, 0.3382, 0.4218

Square

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



59.0413, 0.3326, 0.2727



59.0413, 0.4123, 0.3858



59.0413, 0.2875, 0.3970



59.0413, 0.2213, 0.2630

Rectangle

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



59.0413, 0.3326, 0.2727



59.0413, 0.4051, 0.3326



59.0413, 0.2875, 0.3970



59.0413, 0.2279, 0.3142

Sweetspot

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



59.0440, 0.3326, 0.2727



85.8252, 0.3177, 0.3128



51.1428, 0.2734, 0.2436



17.9142, 0.3186, 0.3101



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.



59.0440, 0.3326, 0.2727



53.2382, 0.3375, 0.2617



57.0867, 0.3650, 0.3104



18.2110, 0.3180, 0.3119



12.9773, 0.4046, 0.2003



1.2819, 0.3928, 0.1938

Inverse Universe

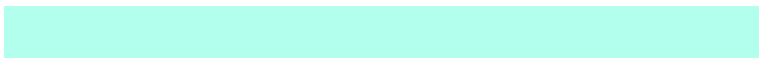
The Inverse Universe completely reimagines the original color for something new.



59.0440, 0.3326, 0.2727



53.2382, 0.3375, 0.2617



87.0946, 0.2779, 0.3487



18.2110, 0.3180, 0.3119



12.9773, 0.4046, 0.2003



1.2819, 0.3928, 0.1938

Previews

White Background



This preview shows how the Yxy color 59.0413, 0.3326, 0.2727 looks on a white background.

Color Contrast Check

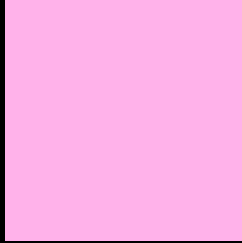
Large Text (above 18pt) WCAG AA × Fail

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 59.0413, 0.3326, 0.2727 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 59.0413, 0.3326, 0.2727

Background



This preview shows how black text looks on a background with the Yxy color 59.0413, 0.3326, 0.2727.



This preview shows how white text looks on a background with the Yxy color 59.0413, 0.3326, 0.2727.

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

59.0413, 0.3326, 0.2727

Protanopia

59.2245, 0.2738, 0.2737

Deuteranopia

59.2010, 0.2985, 0.2919



Tritanopia

59.3307, 0.3574, 0.3144

Trichromacy



Original Color

59.0413, 0.3326, 0.2727



Protanomaly

58.5271, 0.2926, 0.2722



Deuteranomaly

58.7652, 0.3109, 0.2845



Tritanomaly

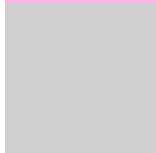
58.9048, 0.3478, 0.2980

Monochromacy



Original Color

59.0413, 0.3326, 0.2727



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.3369, 0.3193, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0413, 0.3326, 0.2727 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, 178, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 234) }
```

Border

The CSS property to change the border of an element to Yxy 59.0413, 0.3326, 0.2727 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, 178, 234) }
```

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

```
.border{ border-color:rgb(255, 178, 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, 178, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0413, 0.3326, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 234) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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