

Converting Colors

$Y_{xy}(59.6100, 0.3278, 0.2677)$

Have a look what the booklet for
Yxy(59.6100, 0.3278, 0.2677)
contains.

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Color

Yxy(59.7915, 0.3277, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F0
RGB	255, 179, 240
RGB Percent	100%, 70%, 94%
CMY	0.0001, 0.2980, 0.0587
CMYK	0.00, 0.30, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 30%, 100%
XYZ	73.0835, 59.7915, 90.1444
YIQ	208.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

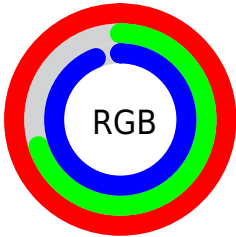
Format	Color
RYB	255, 179, 240
Decimal	16757744
CIELab	81.72, 36.84, -19.31
CIElCh	82, 41.593, 332.343
Yxy	59.7915, 0.3277, 0.2681
Android (android.graphics.Color)	4294947824 (0xFFFFB3F0)
YUV	208.6780, 15.4417, 40.6244
Hunter-Lab	77.3250, 33.3900, -14.9920

Details

The Yxy color **59.7915, 0.3277, 0.2681** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.9824, 0.3007, 0.3988**, and the grayscale version is **63.4267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **29.9982, 0.3303, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **50.2060, 0.3341, 0.2478**, and if you desaturate by 10%, it is **71.2802, 0.3220, 0.2889**.

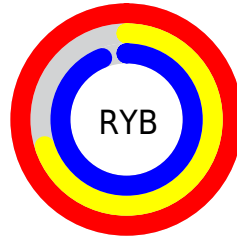
Distribution



Red (100%)

Green (70%)

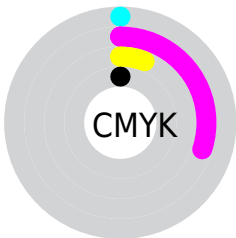
Blue (94%)



Red (100%)

Yellow (70%)

Blue (94%)

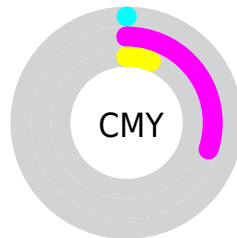


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7915, 0.3277, 0.2681 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 59.7915, 0.3277, 0.2681 by changing the saturation by 10% instead.


 59.7915, 0.3277,
0.2681

 59.7915, 0.3277,
0.2681

423.8288, 0.3212,
0.2957

 43.2506, 0.3291,
0.2620


 104.5272, 0.3255,
0.2776

 30.0818, 0.3307,
0.2544


133.4907, 0.3247,
0.2813

 19.9007, 0.3327,
0.2451


167.3639, 0.3239,
0.2845

 12.3229, 0.3351,
0.2330

206.5312, 0.3232,
0.2873

 6.9640, 0.3382,
0.2171

251.3769, 0.3227,
0.2898

 3.4396, 0.3420,
0.1950

302.2855, 0.3221,

 1.3653, 0.3466,

0.2920

0.1628

359.6413, 0.3216,
0.2939

0.1909, 0.3702,
0.0640

0.0000, 0.0751,
0.0000

59.7915, 0.3277,
0.2681

59.7915, 0.3277,
0.2681

50.2060, 0.3341,
0.2478

71.2802, 0.3220,
0.2889

42.4112, 0.3412,
0.2288

84.7604, 0.3170,
0.3095

36.2955, 0.3487,
0.2123

99.9951, 0.3127,
0.3290

31.7311, 0.3565,
0.1991

■ 28.5719, 0.3643,
0.1903

■ 26.6440, 0.3719,
0.1862

■ 25.6693, 0.3791,
0.1863

■ 25.6526, 0.3793,
0.1863

Harmonies

Analogous

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



59.7915, 0.2752, 0.2481



59.7915, 0.3277, 0.2681



59.7915, 0.3800, 0.3015

Triad

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



59.7915, 0.3277, 0.2681



59.7915, 0.3905, 0.4159



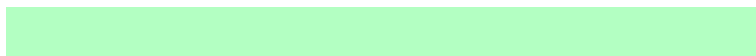
59.7915, 0.2210, 0.3020

Complementary

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



59.7915, 0.3277, 0.2681



84.9824, 0.3007, 0.3988

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.



59.7915, 0.2470, 0.3548



59.7915, 0.3277, 0.2681



59.7915, 0.3441, 0.4260

Square

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



59.7915, 0.3277, 0.2681



59.7915, 0.4171, 0.3836



59.7915, 0.2915, 0.4035



59.7915, 0.2175, 0.2634

Rectangle

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



59.7915, 0.3277, 0.2681



59.7915, 0.4056, 0.3283



59.7915, 0.2915, 0.4035



59.7915, 0.2272, 0.3187

Sweetspot

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



59.7942, 0.3277, 0.2681



85.9338, 0.3166, 0.3111



50.7945, 0.2695, 0.2438



17.9411, 0.3173, 0.3082



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.



59.7942, 0.3277, 0.2681



53.6359, 0.3316, 0.2554



57.8166, 0.3585, 0.3042



18.2355, 0.3168, 0.3101



13.4288, 0.3781, 0.1857



1.3224, 0.3703, 0.1814

Inverse Universe

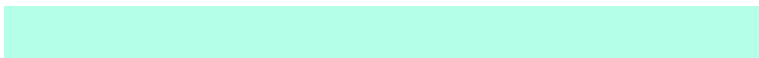
The Inverse Universe completely reimagines the original color for something new.



59.7942, 0.3277, 0.2681



53.6359, 0.3316, 0.2554



86.8540, 0.2815, 0.3555



18.2355, 0.3168, 0.3101



13.4288, 0.3781, 0.1857



1.3224, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 59.7915, 0.3277, 0.2681 looks on a white background.

Color Contrast Check

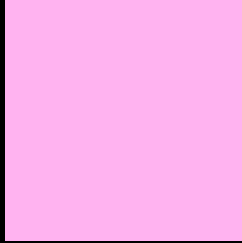
Large Text (above 18pt) WCAG AA × Fail

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 59.7915, 0.3277, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

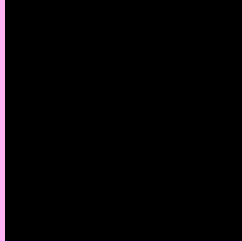
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7915, 0.3277, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 59.7915, 0.3277, 0.2681.



This preview shows how white text looks on a background with the Yxy color 59.7915, 0.3277, 0.2681.

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

59.7915, 0.3277, 0.2681

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

60.1684, 0.2930, 0.2876



Tritanopia

59.6589, 0.3547, 0.3133

Trichromacy



Original Color

59.7915, 0.3277, 0.2681



Protanomaly

59.3382, 0.2887, 0.2674



Deuteranomaly

59.6610, 0.3049, 0.2804



Tritanomaly

59.4687, 0.3451, 0.2960

Monochromacy



Original Color

59.7915, 0.3277, 0.2681



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 59.7915, 0.3277, 0.2681 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 240) }
```

Border

The CSS property to change the border of an element to Yxy 59.7915, 0.3277, 0.2681 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, 240) }
```

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

```
.border{ border-color:rgb(255, 179, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7915, 0.3277, 0.2681 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
179, 240) }
```

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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