

Converting Colors

$Y_{xy}(59.5813, 0.3281, 0.2745)$

Have a look what the booklet for
Yxy(59.5813, 0.3281, 0.2745)
contains.

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Color

Yxy(59.5551, 0.3283, 0.2742)

Conversions

Conversions Part 1

Format	Color
Hex	FBB5EB
RGB	251, 181, 235
RGB Percent	98%, 71%, 92%
CMY	0.0156, 0.2902, 0.0784
CMYK	0.00, 0.28, 0.06, 0.02
HSL	314°, 90%, 85%
HSV	314°, 28%, 98%
XYZ	71.3054, 59.5551, 86.3353
YIQ	208.0860, 24.3860, 31.6340

Conversions

Conversions Part 2

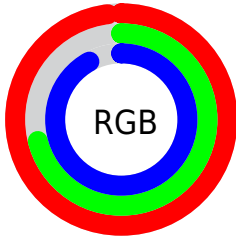
Format	Color
R _Y B	251, 181, 235
Decimal	16496107
CIE Lab	81.60, 33.65, -16.85
CIE LCh	82, 37.632, 333.408
Yxy	59.5551, 0.3283, 0.2742
Android (android.graphics.Color)	4294686187 (0xFFFBB5EB)
YUV	208.0860, 13.2686, 37.6356
Hunter-Lab	77.1720, 29.8796, -12.3097

Details

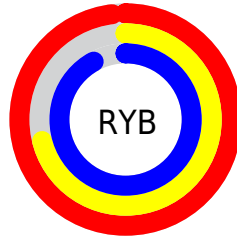
The Yxy color **59.5551, 0.3283, 0.2742** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.8562, 0.3002, 0.3909**, and the grayscale version is **63.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.9028, 0.3322, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **49.9265, 0.3355, 0.2544**, and if you desaturate by 10%, it is **71.0385, 0.3220, 0.2943**.

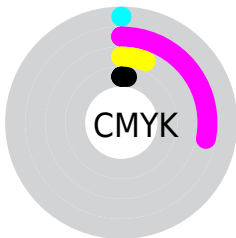
Distribution



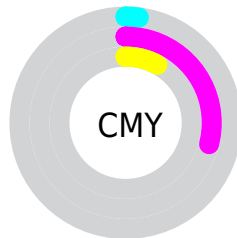
- Red (98%)
- Green (71%)
- Blue (92%)



- Red (98%)
- Yellow (71%)
- Blue (92%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5551, 0.3283, 0.2742 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 59.5551, 0.3283, 0.2742 by changing the saturation by 10% instead.


 59.5551, 0.3283,
0.2742

 59.5551, 0.3283,
0.2742


422.9559, 0.3214,
0.2992

 43.0601, 0.3298,
0.2686

 104.1840, 0.3260,
0.2828

 29.9323, 0.3316,
0.2617


133.0867, 0.3250,
0.2862

 19.7872, 0.3338,
0.2530


166.8942, 0.3242,
0.2891

 12.2405, 0.3367,
0.2419

205.9908, 0.3235,
0.2916

 6.9077, 0.3403,
0.2270

250.7608, 0.3229,
0.2939

 3.4044, 0.3451,
0.2061


301.5888, 0.3223,

 1.3463, 0.3515,


0.2958


0.1751


358.8590, 0.3218,
0.2976


 0.1767, 0.3833,
0.0678


 0.0000, 0.0000,
0.0000


 59.5551, 0.3283,
0.2742

 59.5551, 0.3283,
0.2742


 49.9265, 0.3355,
0.2544


 71.0385, 0.3220,
0.2943


 42.0459, 0.3435,
0.2357

 84.4603, 0.3165,
0.3140

 35.8078, 0.3521,
0.2191

 99.0734, 0.3118,
0.3317

 31.0920, 0.3612,
0.2057

 99.2511, 0.3103,
0.3290

■ 27.7620, 0.3705,
0.1965

■ 25.6564, 0.3797,
0.1919

■ 24.5583, 0.3884,
0.1920

■ 24.3889, 0.3903,
0.1924

Harmonies

Analogous

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



59.5551, 0.2803, 0.2553



59.5551, 0.3283, 0.2742



59.5551, 0.3752, 0.3054

Triad

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



59.5551, 0.3283, 0.2742



59.5551, 0.3825, 0.4089



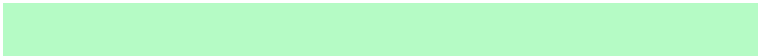
59.5551, 0.2285, 0.3034

Complementary

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



59.5551, 0.3283, 0.2742



82.8562, 0.3002, 0.3909

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.



59.5551, 0.2518, 0.3508



59.5551, 0.3283, 0.2742



59.5551, 0.3400, 0.4162

Square

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



59.5551, 0.3283, 0.2742



59.5551, 0.4071, 0.3807



59.5551, 0.2921, 0.3947



59.5551, 0.2259, 0.2687

Rectangle

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



59.5551, 0.3283, 0.2742



59.5551, 0.3977, 0.3303



59.5551, 0.2921, 0.3947



59.5551, 0.2340, 0.3184

Sweetspot

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



59.5578, 0.3283, 0.2742



87.3711, 0.3165, 0.3138



51.7726, 0.2744, 0.2504



18.2251, 0.3173, 0.3108



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.



59.5578, 0.3283, 0.2742



56.3713, 0.3319, 0.2639



57.7689, 0.3567, 0.3083



17.4527, 0.3173, 0.3109



12.8419, 0.3889, 0.1916



1.2054, 0.3791, 0.1862

Inverse Universe

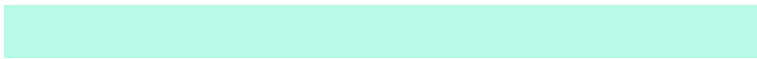
The Inverse Universe completely reimagines the original color for something new.



59.5578, 0.3283, 0.2742



56.3713, 0.3319, 0.2639



84.6039, 0.2821, 0.3509



17.4527, 0.3173, 0.3109



12.8419, 0.3889, 0.1916



1.2054, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 59.5551, 0.3283, 0.2742 looks on a white background.

Color Contrast Check

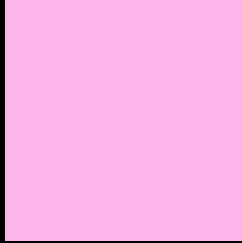
Large Text (above 18pt) WCAG AA × Fail

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 59.5551, 0.3283, 0.2742 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 59.5551, 0.3283, 0.2742

Background



This preview shows how black text looks on a background with the Yxy color 59.5551, 0.3283, 0.2742.



This preview shows how white text looks on a background with the Yxy color 59.5551, 0.3283, 0.2742.

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

59.5551, 0.3283, 0.2742

Protanopia

59.8193, 0.2745, 0.2750

Deuteranopia

59.7697, 0.2971, 0.2909



Tritanopia

59.5791, 0.3511, 0.3132

Trichromacy



Original Color

59.5551, 0.3283, 0.2742



Protanomaly

59.2614, 0.2919, 0.2743



Deuteranomaly

59.4298, 0.3078, 0.2845



Tritanomaly

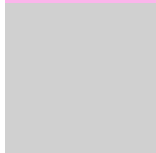
59.5094, 0.3423, 0.2987

Monochromacy



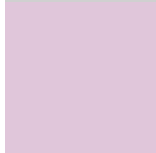
Original Color

59.5551, 0.3283, 0.2742



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.2974, 0.3184, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5551, 0.3283, 0.2742 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(251, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(251, 181, 235)  
}
```

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(251, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 181, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.5551, 0.3283, 0.2742 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(251, 181, 235) }
```

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

```
.border{ border-color:rgb(251, 181, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 181, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(251, 181,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5551, 0.3283, 0.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 181, 235) }
```

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

```
.background{ background-color: rgb(251,  
181, 235) }
```

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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