

Converting Colors

Yxy(59.4428, 0.3535, 0.3042)

Have a look what the booklet for
Yxy(59.4428, 0.3535, 0.3042)
contains.

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Color

Yxy(59.4428, 0.3535, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7CF
RGB	254, 183, 207
RGB Percent	100%, 72%, 81%
CMY	0.0039, 0.2824, 0.1881
CMYK	0.00, 0.28, 0.18, 0.00
HSL	340°, 97%, 86%
HSV	340°, 28%, 100%
XYZ	69.0764, 59.4428, 66.8878
YIQ	206.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

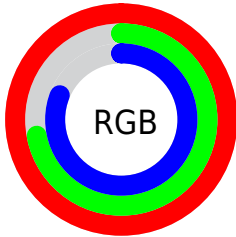
Format	Color
RYB	254, 183, 207
Decimal	16693199
CIELab	81.53, 29.13, -1.85
CIELCh	82, 29.191, 356.358
Yxy	59.4428, 0.3535, 0.3042
Android (android.graphics.Color)	4294883279 (0xFFFE7CF)
YUV	206.9650, 0.0173, 41.2497
Hunter-Lab	77.0992, 25.0021, 2.5320

Details

The Yxy color **59.4428, 0.3535, 0.3042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6712, 0.2840, 0.3554**, and the grayscale version is **62.3594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **29.7362, 0.3634, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **49.1170, 0.3745, 0.2950**, and if you desaturate by 10%, it is **71.7523, 0.3362, 0.3134**.

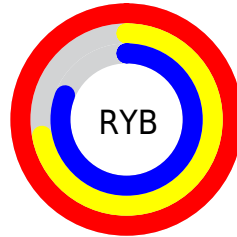
Distribution



Red (100%)

Green (72%)

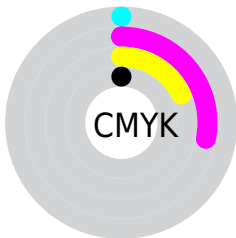
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

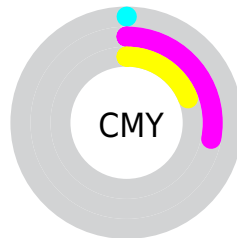


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4428, 0.3535, 0.3042 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 59.4428, 0.3535, 0.3042 by changing the saturation by 10% instead.


 59.4428, 0.3535,
0.3042

 59.4428, 0.3535,
0.3042

422.5409, 0.3340,
0.3160

 42.9697, 0.3581,
0.3014


 104.0210, 0.3466,
0.3084

 29.8613, 0.3639,
0.2980


132.8948, 0.3440,
0.3099

 19.7334, 0.3714,
0.2935

166.6709, 0.3417,
0.3113

 12.2014, 0.3814,
0.2876

205.7339, 0.3397,
0.3125

 6.8810, 0.3955,
0.2793

250.4679, 0.3380,
0.3135

 3.3878, 0.4168,
0.2669


301.2575, 0.3365,

 1.3374, 0.4525,


0.3145


0.2464


358.4870, 0.3352,
0.3153


 0.1699, 0.6431,
0.1251


 0.0000, 0.0000,
0.0000


 59.4428, 0.3535,
0.3042


 59.4428, 0.3535,
0.3042

 49.1170, 0.3745,
0.2950


 71.7523, 0.3362,
0.3134

 40.6623, 0.3995,
0.2863

 86.1340, 0.3221,
0.3223

 33.9672, 0.4288,
0.2792

99.8136, 0.3121,
0.3290

 28.9049, 0.4615,
0.2747

■ 25.3315, 0.4963,
0.2741

■ 23.0774, 0.5305,
0.2784

■ 21.9145, 0.5612,
0.2876

■ 21.7453, 0.5670,
0.2897

Harmonies

Analogous

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



59.4428, 0.3161, 0.2810



59.4428, 0.3535, 0.3042



59.4428, 0.3803, 0.3339

Triad

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



59.4428, 0.3535, 0.3042



59.4428, 0.3432, 0.3967



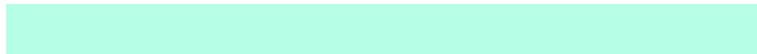
59.4428, 0.2430, 0.2876

Complementary

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



59.4428, 0.3535, 0.3042



86.6712, 0.2840, 0.3554

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.



59.4428, 0.2493, 0.3180



59.4428, 0.3535, 0.3042



59.4428, 0.3059, 0.3848

Square

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



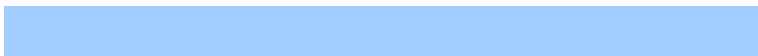
59.4428, 0.3535, 0.3042



59.4428, 0.3735, 0.3878



59.4428, 0.2718, 0.3547



59.4428, 0.2538, 0.2705

Rectangle

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



59.4428, 0.3535, 0.3042



59.4428, 0.3876, 0.3544



59.4428, 0.2718, 0.3547



59.4428, 0.2432, 0.2965

Sweetspot

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



59.4455, 0.3535, 0.3042



86.8290, 0.3221, 0.3223



57.7058, 0.2969, 0.2550



18.0885, 0.3241, 0.3210



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.



59.4455, 0.3535, 0.3042



53.4373, 0.3657, 0.2986



62.9195, 0.3713, 0.3403



18.0885, 0.3241, 0.3210



11.4875, 0.5627, 0.2874



1.1380, 0.5310, 0.2699

Inverse Universe

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



59.4455, 0.3535, 0.3042



53.4373, 0.3657, 0.2986



81.5413, 0.2708, 0.3173



18.0885, 0.3241, 0.3210



11.4875, 0.5627, 0.2874



1.1380, 0.5310, 0.2699

Previews

White Background



This preview shows how the Yxy color 59.4428, 0.3535, 0.3042 looks on a white background.

Color Contrast Check

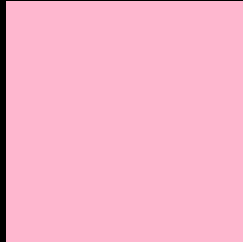
Large Text (above 18pt) WCAG AA × Fail

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 59.4428, 0.3535, 0.3042 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 59.4428, 0.3535, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 59.4428, 0.3535, 0.3042.



This preview shows how white text looks on a background with the Yxy color 59.4428, 0.3535, 0.3042.

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

59.4428, 0.3535, 0.3042

Protanopia

59.8596, 0.3015, 0.3105

Deuteranopia

59.8699, 0.3267, 0.3200



Tritanopia

59.2871, 0.3593, 0.3135

Trichromacy



Original Color

59.4428, 0.3535, 0.3042



Protanomaly

59.2574, 0.3193, 0.3078



Deuteranomaly

59.6479, 0.3362, 0.3138



Tritanomaly

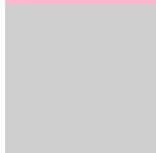
59.4279, 0.3567, 0.3104

Monochromacy



Original Color

59.4428, 0.3535, 0.3042



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.7405, 0.3266, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4428, 0.3535, 0.3042 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(254, 183, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 207)  
}
```

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(254, 183, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.4428, 0.3535, 0.3042 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(254, 183, 207) }
```

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

```
.border{ border-color:rgb(254, 183, 207) }
```

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

Here you see how a box with a 4 pixel rgb(254, 183, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4428, 0.3535, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 207) }
```

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

```
.background{ background-color: rgb(254,  
183, 207) }
```

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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