

Converting Colors

$Y_{xy}(59.3471, 0.3624, 0.3292)$

Have a look what the booklet for
Yxy(59.3471, 0.3624, 0.3292)
contains.

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Color

Yxy(59.3714, 0.3627, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	F7BCBC
RGB	247, 188, 188
RGB Percent	97%, 74%, 74%
CMY	0.0312, 0.2628, 0.2627
CMYK	0.00, 0.24, 0.24, 0.03
HSL	360°, 79%, 85%
HSV	360°, 24%, 97%
XYZ	65.4330, 59.3714, 55.6009
YIQ	205.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

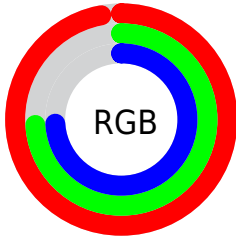
Format	Color
R _Y B	247, 188, 188
Decimal	16235708
CIE Lab	81.50, 21.25, 8.24
CIE LCh	81, 22.794, 21.183
Yxy	59.3714, 0.3627, 0.3291
Android (android.graphics.Color)	4294425788 (0xFFF7BCBC)
YUV	205.6410, -8.6970, 36.2718
Hunter-Lab	77.0528, 16.7391, 11.1536

Details

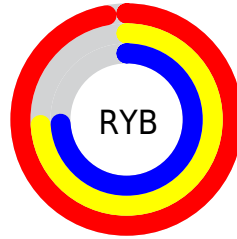
The Yxy color **59.3714, 0.3627, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.9572, 0.2774, 0.3289**, and the grayscale version is **61.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4930, 0.3199, 0.3290**, and **29.7466, 0.3761, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **48.7328, 0.3929, 0.3292**, and if you desaturate by 10%, it is **72.0042, 0.3385, 0.3291**.

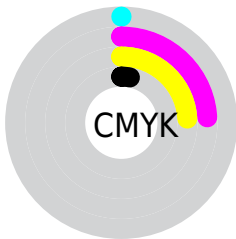
Distribution



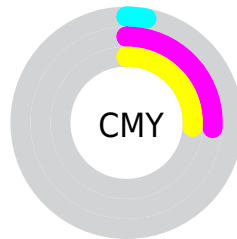
- Red (97%)
- Green (74%)
- Blue (74%)



- Red (97%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3714, 0.3627, 0.3291 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 59.3714, 0.3627, 0.3291 by changing the saturation by 10% instead.


 59.3714, 0.3627,
0.3291

 59.3714, 0.3627,
0.3291


422.2769, 0.3385,
0.3295

 42.9122, 0.3685,
0.3289


 103.9173, 0.3541,
0.3293

 29.8162, 0.3758,
0.3286


132.7727, 0.3508,
0.3294

 19.6991, 0.3853,
0.3281

166.5290, 0.3480,
0.3294

 12.1765, 0.3981,
0.3272

205.5705, 0.3456,
0.3294

 6.8640, 0.4163,
0.3257

250.2816, 0.3435,
0.3295

 3.3772, 0.4441,
0.3225

301.0468, 0.3416,

 1.3317, 0.4922,

0.3295

0.3157

358.2504, 0.3400,
0.3295

0.1655, 0.8033,
0.1967

0.0000, 0.0000,
0.0000

59.3714, 0.3627,
0.3291

59.3714, 0.3627,
0.3291

48.7328, 0.3929,
0.3292

72.0042, 0.3385,
0.3291

39.9788, 0.4298,
0.3293

86.7170, 0.3192,
0.3290

33.0021, 0.4732,
0.3294

98.5233, 0.3078,
0.3290

27.6810, 0.5211,
0.3295

■ 23.8787, 0.5685,
0.3297

■ 21.4367, 0.6078,
0.3298

■ 20.1613, 0.6322,
0.3299

■ 19.7836, 0.6400,
0.3299

Harmonies

Analogous

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



59.3714, 0.3400, 0.3058



59.3714, 0.3627, 0.3291



59.3714, 0.3713, 0.3534

Triad

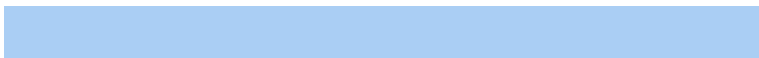
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3714, 0.3627, 0.3291



59.3714, 0.3128, 0.3747



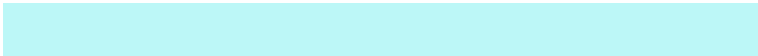
59.3714, 0.2637, 0.2845

Complementary

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



59.3714, 0.3627, 0.3291



83.9572, 0.2774, 0.3289

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.



59.3714, 0.2574, 0.3004



59.3714, 0.3627, 0.3291



59.3714, 0.2849, 0.3536

Square

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



59.3714, 0.3627, 0.3291



59.3714, 0.3417, 0.3815



59.3714, 0.2649, 0.3257



59.3714, 0.2827, 0.2806

Rectangle

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



59.3714, 0.3627, 0.3291



59.3714, 0.3678, 0.3673



59.3714, 0.2649, 0.3257



59.3714, 0.2601, 0.2885

Sweetspot

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



59.3741, 0.3627, 0.3291



88.0392, 0.3247, 0.3290



62.2822, 0.3148, 0.2693



18.6347, 0.3258, 0.3290



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.



59.3741, 0.3627, 0.3291



57.6685, 0.3774, 0.3291



72.7981, 0.3558, 0.3590



16.4827, 0.3294, 0.3290



10.4582, 0.6400, 0.3299



0.9192, 0.6398, 0.3298

Inverse Universe

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



59.3741, 0.3627, 0.3291



57.6685, 0.3774, 0.3291



67.8106, 0.2747, 0.2969



16.4827, 0.3294, 0.3290



10.4582, 0.6400, 0.3299



0.9192, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 59.3714, 0.3627, 0.3291 looks on a white background.

Color Contrast Check

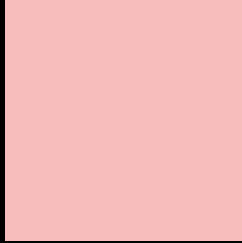
Large Text (above 18pt) WCAG AA × Fail

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 59.3714, 0.3627, 0.3291 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 59.3714, 0.3627, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 59.3714, 0.3627, 0.3291.



This preview shows how white text looks on a background with the Yxy color 59.3714, 0.3627, 0.3291.

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

59.3714, 0.3627, 0.3291

Protanopia

59.6365, 0.3217, 0.3361

Deuteranopia

59.5617, 0.3457, 0.3392



Tritanopia

59.2444, 0.3538, 0.3143

Trichromacy



Original Color

59.3714, 0.3627, 0.3291

Protanomaly

59.3124, 0.3359, 0.3336

Deuteranomaly

59.3900, 0.3522, 0.3358

Tritanomaly

59.4826, 0.3570, 0.3196

Monochromacy



Original Color

59.3714, 0.3627, 0.3291

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.3425, 0.3302, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3714, 0.3627, 0.3291 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(247, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 188)  
}
```

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(247, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 188) }
```

Border

The CSS property to change the border of an element to Yxy 59.3714, 0.3627, 0.3291 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(247, 188, 188) }
```

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

```
.border{ border-color:rgb(247, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3714, 0.3627, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 188) }
```

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

```
.background{ background-color: rgb(247,  
188, 188) }
```

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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