

Converting Colors

$Y_{xy}(60.3173, 0.3640, 0.3198)$

Have a look what the booklet for
Yxy(60.3173, 0.3640, 0.3198)
contains.

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Color

Yxy(60.3179, 0.3640, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC3
RGB	255, 186, 195
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2706, 0.2354
CMYK	0.00, 0.27, 0.24, 0.00
HSL	352°, 100%, 86%
HSV	352°, 27%, 100%
XYZ	68.6545, 60.3179, 59.6389
YIQ	207.6570, 38.2350, 17.4270

Conversions

Conversions Part 2

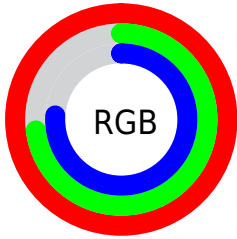
Format	Color
R _Y B	255, 186, 195
Decimal	16759491
CIE Lab	82.01, 26.16, 5.35
CIE LCh	82, 26.702, 11.547
Yxy	60.3179, 0.3640, 0.3198
Android (android.graphics.Color)	4294949571 (0xFFFFBAC3)
YUV	207.6570, -6.2399, 41.5198
Hunter-Lab	77.6646, 21.8787, 8.8362

Details

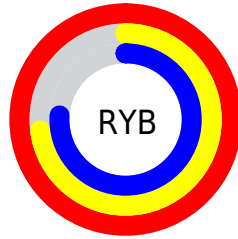
The Yxy color $60.3179, 0.3640, 0.3198$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.6137, 0.2776, 0.3386$, and the grayscale version is $62.8613, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.7293, 0.3157, 0.3203$, and $30.2959, 0.3777, 0.3171$ is the 20% darker color. If you saturate the color by 10%, you get $49.5833, 0.3918, 0.3163$, and if you desaturate by 10%, it is $73.1135, 0.3414, 0.3233$.

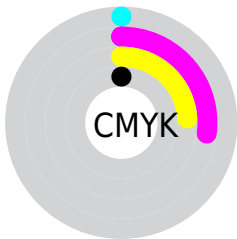
Distribution



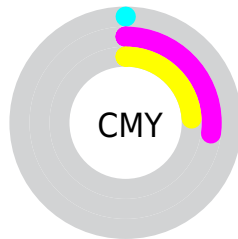
- Red (100%)
- Green (73%)
- Blue (76%)



- Red (100%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3179, 0.3640, 0.3198 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 60.3179, 0.3640, 0.3198 by changing the saturation by 10% instead.


 60.3179, 0.3640,
0.3198

 60.3179, 0.3640,
0.3198


425.7686, 0.3393,
0.3245

 43.6749, 0.3699,
0.3186


 105.2907, 0.3552,
0.3215

 30.4150, 0.3773,
0.3170


134.3893, 0.3519,
0.3222

 20.1538, 0.3869,
0.3150


168.4085, 0.3490,
0.3227

 12.5069, 0.3998,
0.3121

207.7328, 0.3466,
0.3232

 7.0899, 0.4180,
0.3077

252.7466, 0.3444,
0.3236

 3.5184, 0.4457,
0.3007


303.8342, 0.3425,

 1.4080, 0.4922,


0.3239


0.2875


361.3801, 0.3408,
0.3243


 0.2226, 0.7925,
0.2075


 0.0000, 0.0000,
0.0000


 60.3179, 0.3640,
0.3198

 60.3179, 0.3640,
0.3198

 49.5833, 0.3918,
0.3163


 73.1135, 0.3414,
0.3233

 40.8088, 0.4255,
0.3131

 88.0784, 0.3233,
0.3267

 33.8734, 0.4650,
0.3108

100.0000, 0.3127,
0.3290

 28.6459, 0.5088,
0.3099

■ 24.9776, 0.5531,
0.3113

■ 22.6941, 0.5922,
0.3151

■ 21.5739, 0.6203,
0.3209

■ 21.3708, 0.6264,
0.3224

Harmonies

Analogous

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



60.3179, 0.3337, 0.2948



60.3179, 0.3640, 0.3198



60.3179, 0.3800, 0.3481

Triad

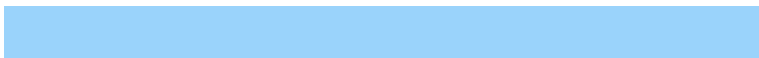
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.3179, 0.3640, 0.3198



60.3179, 0.3237, 0.3873



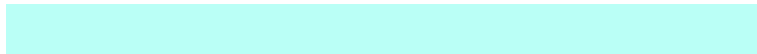
60.3179, 0.2520, 0.2817

Complementary

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



60.3179, 0.3640, 0.3198



88.6137, 0.2776, 0.3386

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.



60.3179, 0.2498, 0.3039



60.3179, 0.3640, 0.3198



60.3179, 0.2900, 0.3672

Square

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



60.3179, 0.3640, 0.3198



60.3179, 0.3557, 0.3888



60.3179, 0.2633, 0.3356



60.3179, 0.2694, 0.2729

Rectangle

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



60.3179, 0.3640, 0.3198



60.3179, 0.3800, 0.3658



60.3179, 0.2633, 0.3356



60.3179, 0.2495, 0.2877

Sweetspot

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



60.3153, 0.3640, 0.3198



86.5772, 0.3249, 0.3264



61.8929, 0.3089, 0.2599



18.0255, 0.3274, 0.3259



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.



60.3153, 0.3640, 0.3198



54.7623, 0.3770, 0.3180



71.5416, 0.3648, 0.3552



18.0255, 0.3274, 0.3259



11.1785, 0.6237, 0.3210



1.0998, 0.5986, 0.3071

Inverse Universe

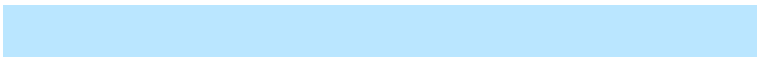
The Inverse Universe completely reimagines the original color for something new.



60.3153, 0.3640, 0.3198



54.7623, 0.3770, 0.3180



74.0847, 0.2704, 0.3012



18.0255, 0.3274, 0.3259



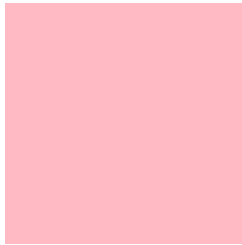
11.1785, 0.6237, 0.3210



1.0998, 0.5986, 0.3071

Previews

White Background



This preview shows how the Yxy color 60.3179, 0.3640, 0.3198 looks on a white background.

Color Contrast Check

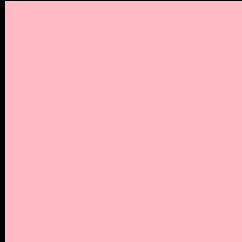
Large Text (above 18pt) WCAG AA × Fail

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 60.3179, 0.3640, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

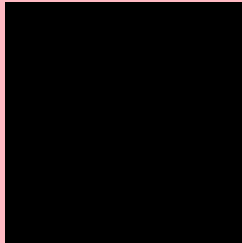
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3179, 0.3640, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 60.3179, 0.3640, 0.3198.



This preview shows how white text looks on a background with the Yxy color 60.3179, 0.3640, 0.3198.

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

60.3179, 0.3640, 0.3198

Protanopia

60.5295, 0.3151, 0.3267

Deuteranopia

60.2767, 0.3408, 0.3336



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.3179, 0.3640, 0.3198

Protanomaly

60.1571, 0.3321, 0.3246

Deuteranomaly

60.2121, 0.3490, 0.3280

Tritanomaly

60.4550, 0.3614, 0.3167

Monochromacy



Original Color

60.3179, 0.3640, 0.3198

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6279, 0.3302, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3179, 0.3640, 0.3198 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, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 195)  
}
```

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, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 195) }
```

Border

The CSS property to change the border of an element to Yxy 60.3179, 0.3640, 0.3198 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, 186, 195) }
```

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

```
.border{ border-color:rgb(255, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3179, 0.3640, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 195) }
```

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

```
.background{ background-color: rgb(255,  
186, 195) }
```

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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