

Converting Colors

$Y_{xy}(80.0121, 0.4340, 0.3247)$

Have a look what the booklet for
Yxy(80.0121, 0.4340, 0.3247)
contains.

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Color

Yxy(60.1836, 0.3665, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC0
RGB	255, 186, 192
RGB Percent	100%, 73%, 75%
CMY	0.0001, 0.2705, 0.2470
CMYK	0.00, 0.27, 0.25, 0.00
HSL	355°, 100%, 86%
HSV	355°, 27%, 100%
XYZ	68.3100, 60.1836, 57.8911
YIQ	207.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

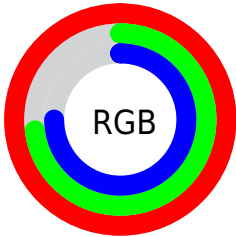
Format	Color
R _Y B	255, 186, 192
Decimal	16759488
CIE Lab	81.94, 25.72, 6.83
CIE LCh	82, 26.616, 14.878
Yxy	60.1836, 0.3665, 0.3229
Android (android.graphics.Color)	4294949568 (0xFFFFBAC0)
YUV	207.3150, -7.5503, 41.8197
Hunter-Lab	77.5781, 21.4133, 10.0607

Details

The Yxy color **60.1836, 0.3665, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7897, 0.2761, 0.3353**, and the grayscale version is **62.6429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5416, 0.3176, 0.3232**, and **30.2369, 0.3801, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **49.4317, 0.3958, 0.3206**, and if you desaturate by 10%, it is **73.0212, 0.3428, 0.3253**.

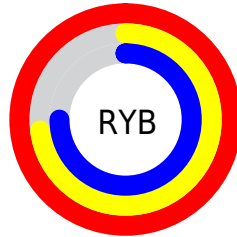
Distribution



Red (100%)

Green (73%)

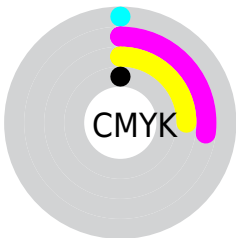
Blue (75%)



Red (100%)

Yellow (73%)

Blue (75%)

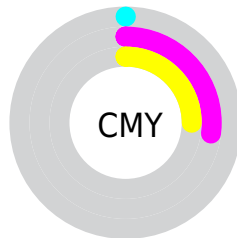


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1836, 0.3665, 0.3229 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 60.1836, 0.3665, 0.3229 by changing the saturation by 10% instead.


 60.1836, 0.3665,
0.3229

 60.1836, 0.3665,
0.3229


425.2742, 0.3406,
0.3262

 43.5666, 0.3727,
0.3220


 105.0960, 0.3573,
0.3242

 30.3300, 0.3805,
0.3208

134.1601, 0.3538,
0.3246

 20.0892, 0.3906,
0.3192


168.1422, 0.3508,
0.3250

 12.4599, 0.4042,
0.3169

207.4265, 0.3482,
0.3253

 7.0577, 0.4234,
0.3133

252.3975, 0.3459,
0.3256

 3.4982, 0.4526,
0.3072


303.4395, 0.3439,

 1.3970, 0.5016,


0.3258


0.2952

360.9369, 0.3421,
0.3260


 0.2145, 0.7950,
0.2050

 0.0000, 0.0000,
0.0000

 60.1836, 0.3665,
0.3229


 60.1836, 0.3665,
0.3229

 49.4317, 0.3958,
0.3206


 73.0212, 0.3428,
0.3253

 40.6476, 0.4314,
0.3185

 88.0377, 0.3238,
0.3275

 33.7143, 0.4729,
0.3171

99.9971, 0.3127,
0.3290

 28.4993, 0.5185,
0.3168

■ 24.8523, 0.5638,
0.3180

■ 22.5969, 0.6022,
0.3209

■ 21.5094, 0.6277,
0.3250

■ 21.3158, 0.6328,
0.3259

Harmonies

Analogous

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



60.1836, 0.3374, 0.2973



60.1836, 0.3665, 0.3229



60.1836, 0.3805, 0.3511

Triad

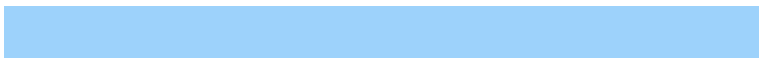
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.1836, 0.3665, 0.3229



60.1836, 0.3199, 0.3857



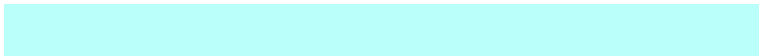
60.1836, 0.2533, 0.2801

Complementary

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



60.1836, 0.3665, 0.3229



88.7897, 0.2761, 0.3353

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.



60.1836, 0.2494, 0.3010



60.1836, 0.3665, 0.3229



60.1836, 0.2866, 0.3640

Square

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



60.1836, 0.3665, 0.3229



60.1836, 0.3524, 0.3894



60.1836, 0.2612, 0.3318



60.1836, 0.2722, 0.2730

Rectangle

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



60.1836, 0.3665, 0.3229



60.1836, 0.3790, 0.3683



60.1836, 0.2612, 0.3318



60.1836, 0.2503, 0.2856

Sweetspot

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



60.1864, 0.3665, 0.3229



86.5258, 0.3254, 0.3273



62.3145, 0.3106, 0.2603



18.0127, 0.3281, 0.3270



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.



60.1864, 0.3665, 0.3229



54.6164, 0.3803, 0.3217



72.6944, 0.3642, 0.3575



18.0127, 0.3281, 0.3270



11.1481, 0.6307, 0.3248



1.0938, 0.6116, 0.3143

Inverse Universe

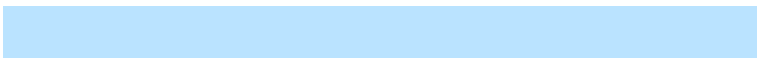
The Inverse Universe completely reimagines the original color for something new.



60.1864, 0.3665, 0.3229



54.6164, 0.3803, 0.3217



72.8147, 0.2701, 0.2986



18.0127, 0.3281, 0.3270



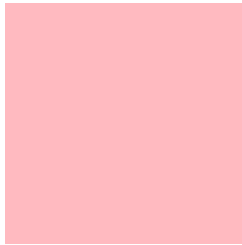
11.1481, 0.6307, 0.3248



1.0938, 0.6116, 0.3143

Previews

White Background



This preview shows how the Yxy color 60.1836, 0.3665, 0.3229 looks on a white background.

Color Contrast Check

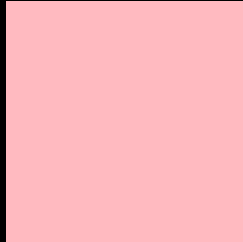
Large Text (above 18pt) WCAG AA × Fail

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 60.1836, 0.3665, 0.3229 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 60.1836, 0.3665, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 60.1836, 0.3665, 0.3229.

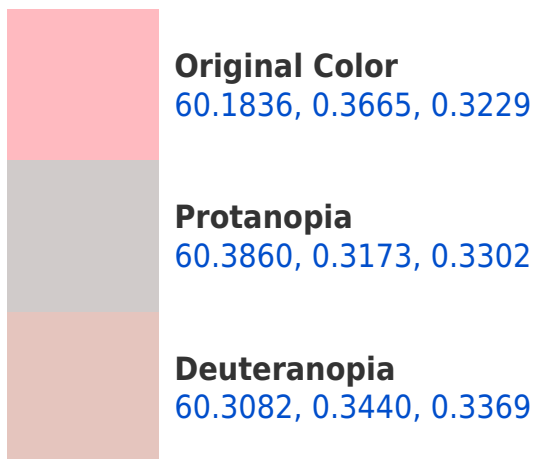


This preview shows how white text looks on a background with the Yxy color 60.1836, 0.3665, 0.3229.

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

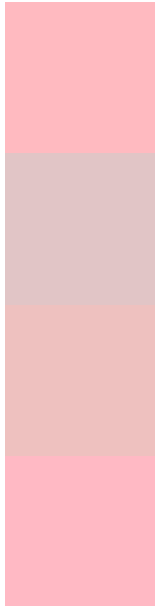




Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.1836, 0.3665, 0.3229

Protanomaly

60.0173, 0.3345, 0.3279

Deuteranomaly

60.0787, 0.3515, 0.3313

Tritanomaly

59.9434, 0.3633, 0.3177

Monochromacy



Original Color

60.1836, 0.3665, 0.3229

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.9584, 0.3303, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1836, 0.3665, 0.3229 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.1836, 0.3665, 0.3229 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, 192) }
```

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

```
.border{ border-color:rgb(255, 186, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 192); box-shadow:4px 4px 4px 4px rgb(255, 186, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1836, 0.3665, 0.3229 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
186, 192) }
```

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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