

Converting Colors

$Y_{xy}(60.5823, 0.3603, 0.3155)$

Have a look what the booklet for
Yxy(60.5823, 0.3603, 0.3155)
contains.

Yxy(60.5013, 0.3605, 0.3156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.5013, 0.3605, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC7
RGB	255, 186, 199
RGB Percent	100%, 73%, 78%
CMY	0.0000, 0.2706, 0.2194
CMYK	0.00, 0.27, 0.22, 0.00
HSL	349°, 100%, 86%
HSV	349°, 27%, 100%
XYZ	69.1087, 60.5013, 62.0924
YIQ	208.1130, 36.9510, 18.6710

Conversions

Conversions Part 2

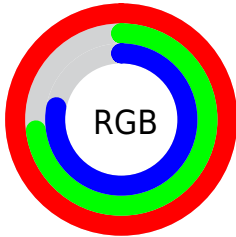
Format	Color
R _Y B	255, 186, 199
Decimal	16759495
CIE _{Lab}	82.11, 26.72, 3.30
CIE _{LCh}	82, 26.925, 7.045
Yxy	60.5013, 0.3605, 0.3156
Android (android.graphics.Color)	4294949575 (0xFFFFBAC7)
YUV	208.1130, -4.4927, 41.1199
Hunter-Lab	77.7826, 22.4752, 7.1177

Details

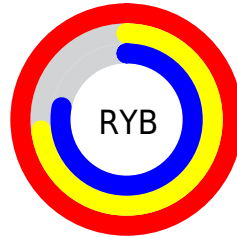
The Yxy color **60.5013, 0.3605, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3623, 0.2796, 0.3430**, and the grayscale version is **63.1681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.4172, 0.3730, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **49.8049, 0.3863, 0.3104**, and if you desaturate by 10%, it is **73.2508, 0.3395, 0.3208**.

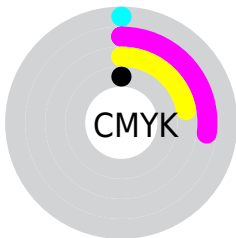
Distribution



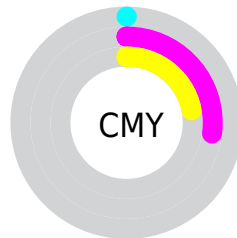
- Red (100%)
- Green (73%)
- Blue (78%)



- Red (100%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5013, 0.3605, 0.3156 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 60.5013, 0.3605, 0.3156 by changing the saturation by 10% instead.


 60.5013, 0.3605,
0.3156

 60.5013, 0.3605,
0.3156


426.4431, 0.3375,
0.3222

 43.8228, 0.3660,
0.3140


 105.5565, 0.3524,
0.3180

 30.5312, 0.3728,
0.3119


134.7021, 0.3493,
0.3189

 20.2422, 0.3817,
0.3092


168.7721, 0.3466,
0.3196

 12.5712, 0.3936,
0.3055

208.1510, 0.3443,
0.3203

 7.1339, 0.4104,
0.3002

253.2231, 0.3423,
0.3209

 3.5460, 0.4360,
0.2918


304.3729, 0.3405,


 1.4230, 0.4788,


0.3214


0.2771


361.9848, 0.3389,
0.3218


 0.2336, 0.7729,
0.2064


 0.0000, 0.0000,
0.0000


 60.5013, 0.3605,
0.3156


 60.5013, 0.3605,
0.3156

 49.8049, 0.3863,
0.3104


 73.2508, 0.3395,
0.3208

 41.0460, 0.4174,
0.3057

 88.1444, 0.3226,
0.3257

 34.1105, 0.4540,
0.3020

99.9983, 0.3127,
0.3290

 28.8688, 0.4949,
0.3003

■ 25.1740, 0.5373,
0.3014

■ 22.8540, 0.5763,
0.3060

■ 21.6903, 0.6070,
0.3135

■ 21.4732, 0.6143,
0.3158

Harmonies

Analogous

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



60.5013, 0.3286, 0.2914



60.5013, 0.3605, 0.3156



60.5013, 0.3793, 0.3439

Triad

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



60.5013, 0.3605, 0.3156



60.5013, 0.3289, 0.3892



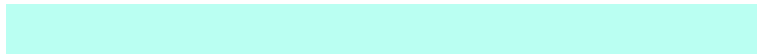
60.5013, 0.2502, 0.2839

Complementary

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



60.5013, 0.3605, 0.3156



88.3623, 0.2796, 0.3430

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.



60.5013, 0.2504, 0.3081



60.5013, 0.3605, 0.3156



60.5013, 0.2946, 0.3716

Square

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



60.5013, 0.3605, 0.3156



60.5013, 0.3601, 0.3878



60.5013, 0.2662, 0.3407



60.5013, 0.2656, 0.2730

Rectangle

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



60.5013, 0.3605, 0.3156



60.5013, 0.3813, 0.3622



60.5013, 0.2662, 0.3407



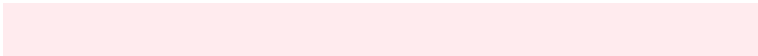
60.5013, 0.2485, 0.2906

Sweetspot

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



60.5041, 0.3605, 0.3156



86.6477, 0.3241, 0.3253



61.0748, 0.3054, 0.2592



18.0431, 0.3264, 0.3245



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.



60.5041, 0.3605, 0.3156



54.9670, 0.3726, 0.3130



69.2849, 0.3660, 0.3506



18.0431, 0.3264, 0.3245



11.2370, 0.6108, 0.3139



1.1083, 0.5816, 0.2978

Inverse Universe

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



60.5041, 0.3605, 0.3156



54.9670, 0.3726, 0.3130



76.6733, 0.2709, 0.3063



18.0431, 0.3264, 0.3245



11.2370, 0.6108, 0.3139



1.1083, 0.5816, 0.2978

Previews

White Background



This preview shows how the Yxy color 60.5013, 0.3605, 0.3156 looks on a white background.

Color Contrast Check

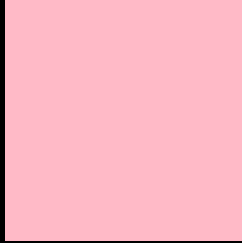
Large Text (above 18pt) WCAG AA × Fail

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 60.5013, 0.3605, 0.3156 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 60.5013, 0.3605, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 60.5013, 0.3605, 0.3156.



This preview shows how white text looks on a background with the Yxy color 60.5013, 0.3605, 0.3156.

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

60.5013, 0.3605, 0.3156

Protanopia

61.0546, 0.3115, 0.3232

Deuteranopia

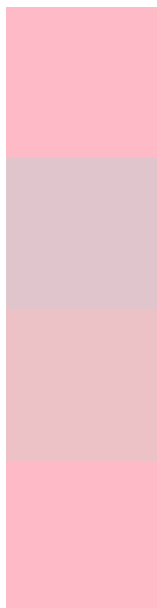
60.7503, 0.3367, 0.3302



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.5013, 0.3605, 0.3156

Protanomaly

60.1876, 0.3283, 0.3201

Deuteranomaly

60.6653, 0.3448, 0.3247

Tritanomaly

60.5479, 0.3597, 0.3146

Monochromacy



Original Color

60.5013, 0.3605, 0.3156

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7239, 0.3287, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5013, 0.3605, 0.3156 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 199) }
```

Border

The CSS property to change the border of an element to Yxy 60.5013, 0.3605, 0.3156 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, 199) }
```

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

```
.border{ border-color:rgb(255, 186, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5013, 0.3605, 0.3156 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
186, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor