

Converting Colors

Yxy(60.5343, 0.3611, 0.3165)

Have a look what the booklet for
Yxy(60.5343, 0.3611, 0.3165)
contains.

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Color

Yxy(60.4550, 0.3614, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC6
RGB	255, 186, 198
RGB Percent	100%, 73%, 78%
CMY	0.0000, 0.2705, 0.2236
CMYK	0.00, 0.27, 0.22, 0.00
HSL	350°, 100%, 86%
HSV	350°, 27%, 100%
XYZ	68.9878, 60.4550, 61.4476
YIQ	207.9990, 37.2720, 18.3600

Conversions

Conversions Part 2

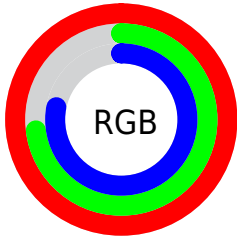
Format	Color
R _Y B	255, 186, 198
Decimal	16759494
CIE _{Lab}	82.08, 26.57, 3.84
CIE _{LCh}	82, 26.842, 8.214
Y _{xy}	60.4550, 0.3614, 0.3167
Android (android.graphics.Color)	4294949574 (0xFFFFBAC6)
YUV	207.9990, -4.9295, 41.2199
Hunter-Lab	77.7528, 22.3104, 7.5704

Details

The Yxy color $60.4550, 0.3614, 0.3167$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.4277, 0.2791, 0.3418$, and the grayscale version is $63.0913, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $30.3865, 0.3742, 0.3132$ is the 20% darker color. If you saturate the color by 10%, you get $49.7490, 0.3877, 0.3120$, and if you desaturate by 10%, it is $73.2189, 0.3400, 0.3214$.

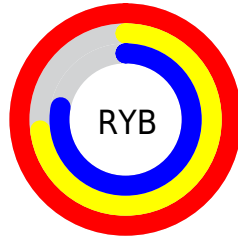
Distribution



Red (100%)

Green (73%)

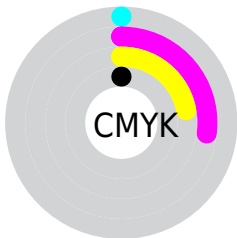
Blue (78%)



Red (100%)

Yellow (73%)

Blue (78%)

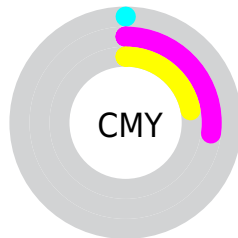


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4550, 0.3614, 0.3167 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 60.4550, 0.3614, 0.3167 by changing the saturation by 10% instead.


 60.4550, 0.3614,
0.3167

 60.4550, 0.3614,
0.3167


426.2729, 0.3380,
0.3228

 43.7855, 0.3670,
0.3152


 105.4894, 0.3531,
0.3189

 30.5019, 0.3740,
0.3133


134.6231, 0.3499,
0.3197

 20.2199, 0.3830,
0.3107


168.6803, 0.3472,
0.3205

 12.5550, 0.3952,
0.3072

208.0454, 0.3449,
0.3211

 7.1228, 0.4124,
0.3022

253.1028, 0.3428,
0.3216

 3.5390, 0.4385,
0.2942


304.2370, 0.3410,

 1.4192, 0.4823,


0.3221

0.2798

361.8322, 0.3394,
0.3225


 0.2308, 0.7900,
0.2100


 0.0000, 0.0000,
0.0000


 60.4550, 0.3614,
0.3167


 60.4550, 0.3614,
0.3167

 49.7490, 0.3877,
0.3120


 73.2189, 0.3400,
0.3214

 40.9849, 0.4195,
0.3077

 88.1320, 0.3228,
0.3260

 34.0484, 0.4569,
0.3043

99.9984, 0.3127,
0.3290

 28.8093, 0.4986,
0.3029

■ 25.1203, 0.5415,
0.3041

■ 22.8090, 0.5807,
0.3085

■ 21.6559, 0.6108,
0.3157

■ 21.4422, 0.6178,
0.3177

Harmonies

Analogous

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



60.4550, 0.3299, 0.2923



60.4550, 0.3614, 0.3167



60.4550, 0.3795, 0.3450

Triad

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



60.4550, 0.3614, 0.3167



60.4550, 0.3276, 0.3887



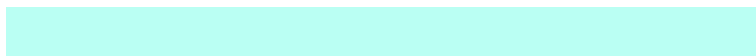
60.4550, 0.2507, 0.2833

Complementary

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



60.4550, 0.3614, 0.3167



88.4277, 0.2791, 0.3418

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.



60.4550, 0.2503, 0.3070



60.4550, 0.3614, 0.3167



60.4550, 0.2934, 0.3704

Square

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



60.4550, 0.3614, 0.3167



60.4550, 0.3589, 0.3881



60.4550, 0.2655, 0.3393



60.4550, 0.2666, 0.2730

Rectangle

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



60.4550, 0.3614, 0.3167



60.4550, 0.3809, 0.3631



60.4550, 0.2655, 0.3393



60.4550, 0.2488, 0.2899

Sweetspot

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



60.4578, 0.3614, 0.3167



86.6292, 0.3243, 0.3256



61.2809, 0.3062, 0.2594



18.0385, 0.3267, 0.3249



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.



60.4578, 0.3614, 0.3167



54.9127, 0.3737, 0.3143



69.8456, 0.3657, 0.3517



18.0385, 0.3267, 0.3249



11.2197, 0.6146, 0.3159



1.1059, 0.5862, 0.3003

Inverse Universe

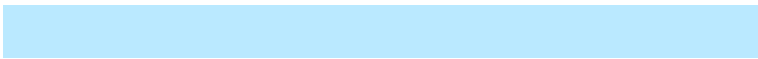
The Inverse Universe completely reimagines the original color for something new.



60.4578, 0.3614, 0.3167



54.9127, 0.3737, 0.3143



76.0219, 0.2708, 0.3050



18.0385, 0.3267, 0.3249



11.2197, 0.6146, 0.3159



1.1059, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 60.4550, 0.3614, 0.3167 looks on a white background.

Color Contrast Check

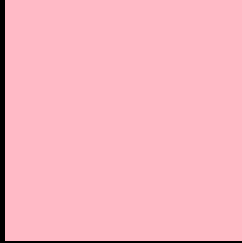
Large Text (above 18pt) WCAG AA × Fail

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 60.4550, 0.3614, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

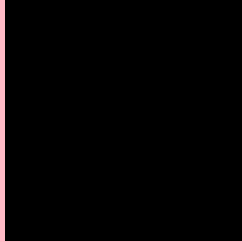
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4550, 0.3614, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 60.4550, 0.3614, 0.3167.



This preview shows how white text looks on a background with the Yxy color 60.4550, 0.3614, 0.3167.

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

60.4550, 0.3614, 0.3167

Protanopia

60.5313, 0.3122, 0.3232

Deuteranopia

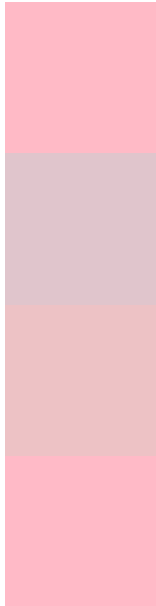
60.7046, 0.3375, 0.3313



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.4550, 0.3614, 0.3167

Protanomaly

60.1394, 0.3290, 0.3212

Deuteranomaly

60.6193, 0.3456, 0.3258

Tritanomaly

60.5013, 0.3605, 0.3156

Monochromacy



Original Color

60.4550, 0.3614, 0.3167

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6757, 0.3295, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4550, 0.3614, 0.3167 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 60.4550, 0.3614, 0.3167 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, 198) }
```

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

```
.border{ border-color:rgb(255, 186, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4550, 0.3614, 0.3167 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
186, 198) }
```

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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