

Converting Colors

$Y_{xy}(59.9885, 0.3524, 0.3027)$

Have a look what the booklet for
Yxy(59.9885, 0.3524, 0.3027)
contains.

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Color

Yxy(60.1444, 0.3525, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8D1
RGB	255, 184, 209
RGB Percent	100%, 72%, 82%
CMY	0.0000, 0.2785, 0.1803
CMYK	0.00, 0.28, 0.18, 0.00
HSL	339°, 100%, 86%
HSV	339°, 28%, 100%
XYZ	69.9008, 60.1444, 68.2549
YIQ	208.0790, 34.2910, 22.8270

Conversions

Conversions Part 2

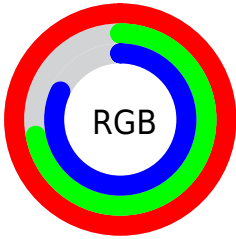
Format	Color
R _Y B	255, 184, 209
Decimal	16758993
CIE Lab	81.92, 29.27, -2.35
CIE LCh	82, 29.359, 355.417
Yxy	60.1444, 0.3525, 0.3033
Android (android.graphics.Color)	4294949073 (0xFFFFB8D1)
YUV	208.0790, 0.4541, 41.1497
Hunter-Lab	77.5528, 25.1701, 2.1054

Details

The Yxy color **60.1444, 0.3525, 0.3033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4204, 0.2846, 0.3564**, and the grayscale version is **63.1057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **30.2021, 0.3619, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **49.7083, 0.3729, 0.2937**, and if you desaturate by 10%, it is **72.5654, 0.3356, 0.3129**.

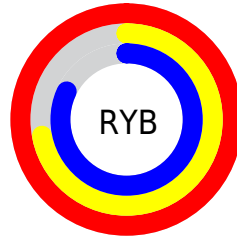
Distribution



Red (100%)

Green (72%)

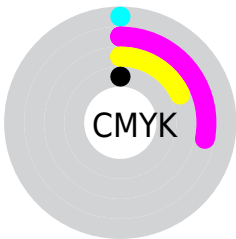
Blue (82%)



Red (100%)

Yellow (72%)

Blue (82%)

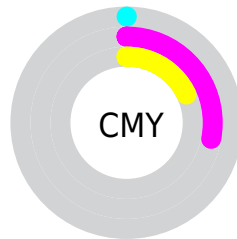


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1444, 0.3525, 0.3033 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 60.1444, 0.3525, 0.3033 by changing the saturation by 10% instead.


 60.1444, 0.3525,
0.3033

 60.1444, 0.3525,
0.3033


425.1298, 0.3335,
0.3155

 43.5350, 0.3570,
0.3005


 105.0391, 0.3458,
0.3076

 30.3051, 0.3626,
0.2969


134.0932, 0.3432,
0.3092

 20.0703, 0.3698,
0.2924


168.0644, 0.3410,
0.3106

 12.4462, 0.3795,
0.2863

207.3370, 0.3391,
0.3119

 7.0483, 0.3930,
0.2779

252.2955, 0.3375,
0.3129

 3.4923, 0.4134,
0.2654


303.3242, 0.3360,

 1.3938, 0.4474,

0.3139

0.2450

360.8075, 0.3347,
0.3147

 0.2122, 0.6020,
0.1391


 0.0000, 0.0000,
0.0000

 60.1444, 0.3525,
0.3033


 60.1444, 0.3525,
0.3033

 49.7083, 0.3729,
0.2937

 72.5654, 0.3356,
0.3129

 41.1657, 0.3973,
0.2847

 87.0826, 0.3218,
0.3221

 34.3970, 0.4258,
0.2771

100.0000, 0.3127,
0.3290

 29.2747, 0.4577,
0.2723

■ 25.6538, 0.4917,
0.2714

■ 23.3637, 0.5252,
0.2755

■ 22.1769, 0.5556,
0.2846

■ 21.9960, 0.5617,
0.2868

Harmonies

Analogous

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



60.1444, 0.3149, 0.2803



60.1444, 0.3525, 0.3033



60.1444, 0.3799, 0.3329

Triad

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



60.1444, 0.3525, 0.3033



60.1444, 0.3444, 0.3968



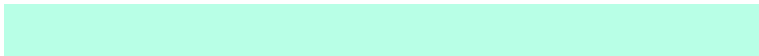
60.1444, 0.2428, 0.2883

Complementary

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



60.1444, 0.3525, 0.3033



87.4204, 0.2846, 0.3564

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.



60.1444, 0.2497, 0.3191



60.1444, 0.3525, 0.3033



60.1444, 0.3070, 0.3856

Square

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



60.1444, 0.3525, 0.3033



60.1444, 0.3744, 0.3874



60.1444, 0.2726, 0.3558



60.1444, 0.2531, 0.2707

Rectangle

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



60.1444, 0.3525, 0.3033



60.1444, 0.3876, 0.3535



60.1444, 0.2726, 0.3558



60.1444, 0.2432, 0.2973

Sweetspot

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



60.1398, 0.3525, 0.3033



86.8460, 0.3219, 0.3220



58.1474, 0.2961, 0.2551



18.0928, 0.3239, 0.3207



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.



60.1398, 0.3525, 0.3033



54.5231, 0.3625, 0.2983



63.0618, 0.3713, 0.3391



18.0928, 0.3239, 0.3207



11.5189, 0.5574, 0.2844



1.1414, 0.5259, 0.2671

Inverse Universe

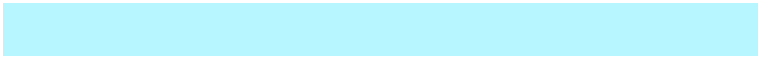
The Inverse Universe completely reimagines the original color for something new.



60.1398, 0.3525, 0.3033



54.5231, 0.3625, 0.2983



83.0357, 0.2710, 0.3187



18.0928, 0.3239, 0.3207



11.5189, 0.5574, 0.2844



1.1414, 0.5259, 0.2671

Previews

White Background



This preview shows how the Yxy color 60.1444, 0.3525, 0.3033 looks on a white background.

Color Contrast Check

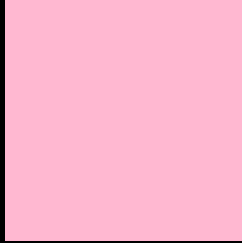
Large Text (above 18pt) WCAG AA × Fail

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 60.1444, 0.3525, 0.3033 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 60.1444, 0.3525, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 60.1444, 0.3525, 0.3033.



This preview shows how white text looks on a background with the Yxy color 60.1444, 0.3525, 0.3033.

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

60.1444, 0.3525, 0.3033

Protanopia

60.5757, 0.3009, 0.3094

Deuteranopia

60.5324, 0.3266, 0.3201



Tritanopia

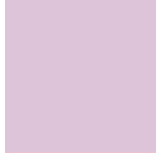
60.3588, 0.3589, 0.3146

Trichromacy



Original Color

60.1444, 0.3525, 0.3033



Protanomaly

59.9673, 0.3185, 0.3068



Deuteranomaly

60.3071, 0.3361, 0.3138



Tritanomaly

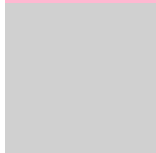
60.0806, 0.3565, 0.3104

Monochromacy



Original Color

60.1444, 0.3525, 0.3033



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.4085, 0.3266, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1444, 0.3525, 0.3033 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, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 209)  
}
```

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, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.1444, 0.3525, 0.3033 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, 184, 209) }
```

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

```
.border{ border-color:rgb(255, 184, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1444, 0.3525, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 209) }
```

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

```
.background{ background-color: rgb(255,  
184, 209) }
```

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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