

Converting Colors

$Yxy(61.1307, 0.3498, 0.3030)$

Have a look what the booklet for
Yxy(61.1307, 0.3498, 0.3030)
contains.

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Color

Yxy(61.1313, 0.3496, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD4
RGB	255, 186, 212
RGB Percent	100%, 73%, 83%
CMY	0.0001, 0.2705, 0.1687
CMYK	0.00, 0.27, 0.17, 0.00
HSL	337°, 100%, 86%
HSV	337°, 27%, 100%
XYZ	70.6730, 61.1313, 70.3495
YIQ	209.5950, 32.7780, 22.7140

Conversions

Conversions Part 2

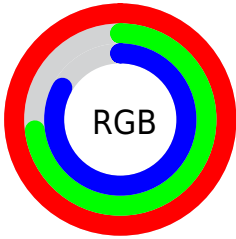
Format	Color
R _Y B	255, 186, 212
Decimal	16759508
CIE Lab	82.45, 28.63, -3.16
CIE LCh	82, 28.799, 353.699
Yxy	61.1313, 0.3496, 0.3024
Android (android.graphics.Color)	4294949588 (0xFFFFBAD4)
YUV	209.5950, 1.1857, 39.8202
Hunter-Lab	78.1865, 24.5202, 1.3835

Details

The Yxy color **61.1313, 0.3496, 0.3024** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.6020, 0.2862, 0.3574**, and the grayscale version is **64.1462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.8072, 0.3591, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **50.5678, 0.3689, 0.2921**, and if you desaturate by 10%, it is **73.6961, 0.3336, 0.3126**.

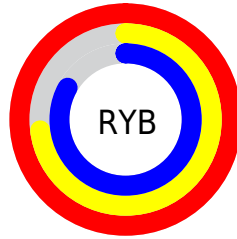
Distribution



Red (100%)

Green (73%)

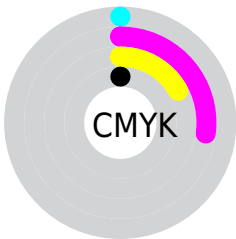
Blue (83%)



Red (100%)

Yellow (73%)

Blue (83%)

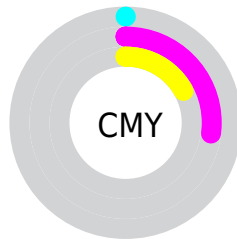


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1313, 0.3496, 0.3024 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 61.1313, 0.3496, 0.3024 by changing the saturation by 10% instead.


 61.1313, 0.3496,
0.3024

 61.1313, 0.3496,
0.3024

428.7553, 0.3321,
0.3149

 44.3311, 0.3537,
0.2995

 106.4690, 0.3434,
0.3068

 30.9309, 0.3589,
0.2959


135.7754, 0.3411,
0.3085

 20.5463, 0.3655,
0.2912


170.0193, 0.3390,
0.3099

 12.7927, 0.3743,
0.2851

209.5850, 0.3373,
0.3112

 7.2860, 0.3866,
0.2767

254.8571, 0.3357,
0.3123

 3.6416, 0.4050,
0.2642


306.2200, 0.3344,

 1.4752, 0.4354,


0.3133


0.2441

364.0579, 0.3332,
0.3141

 0.2712, 0.5499,
0.1550


 0.0000, 0.0000,
0.0000


 61.1313, 0.3496,
0.3024


 61.1313, 0.3496,
0.3024

 50.5678, 0.3689,
0.2921


 73.6961, 0.3336,
0.3126

 41.8931, 0.3920,
0.2824

 88.3503, 0.3205,
0.3224

 34.9962, 0.4189,
0.2741

99.9948, 0.3127,
0.3290

 29.7510, 0.4492,
0.2684

■ 26.0147, 0.4815,
0.2667

■ 23.6195, 0.5140,
0.2700

■ 22.3522, 0.5439,
0.2785

■ 22.0993, 0.5522,
0.2816

Harmonies

Analogous

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



61.1313, 0.3127, 0.2804



61.1313, 0.3496, 0.3024



61.1313, 0.3771, 0.3311

Triad

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



61.1313, 0.3496, 0.3024



61.1313, 0.3456, 0.3951



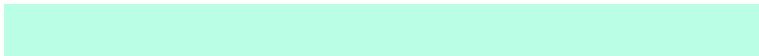
61.1313, 0.2443, 0.2907

Complementary

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



61.1313, 0.3496, 0.3024



87.6020, 0.2862, 0.3574

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.



61.1313, 0.2520, 0.3214



61.1313, 0.3496, 0.3024



61.1313, 0.3093, 0.3853

Square

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



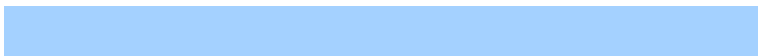
61.1313, 0.3496, 0.3024



61.1313, 0.3742, 0.3850



61.1313, 0.2753, 0.3572



61.1313, 0.2534, 0.2727

Rectangle

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



61.1313, 0.3496, 0.3024



61.1313, 0.3855, 0.3513



61.1313, 0.2753, 0.3572



61.1313, 0.2450, 0.2998

Sweetspot

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



61.1341, 0.3496, 0.3024



86.8756, 0.3216, 0.3215



58.9276, 0.2958, 0.2572



18.1002, 0.3235, 0.3201



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.



61.1341, 0.3496, 0.3024



55.6663, 0.3587, 0.2973



63.4136, 0.3694, 0.3376



18.1002, 0.3235, 0.3201



11.5768, 0.5479, 0.2792



1.1476, 0.5170, 0.2622

Inverse Universe

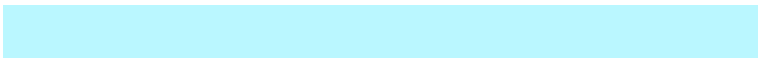
The Inverse Universe completely reimagines the original color for something new.



61.1341, 0.3496, 0.3024



55.6663, 0.3587, 0.2973



84.1376, 0.2723, 0.3202



18.1002, 0.3235, 0.3201



11.5768, 0.5479, 0.2792



1.1476, 0.5170, 0.2622

Previews

White Background



This preview shows how the Yxy color 61.1313, 0.3496, 0.3024 looks on a white background.

Color Contrast Check

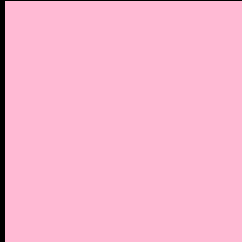
Large Text (above 18pt) WCAG AA × Fail

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 61.1313, 0.3496, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

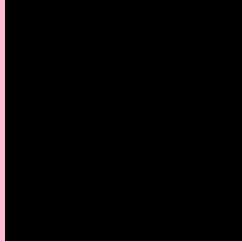
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1313, 0.3496, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 61.1313, 0.3496, 0.3024.



This preview shows how white text looks on a background with the Yxy color 61.1313, 0.3496, 0.3024.

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

61.1313, 0.3496, 0.3024

Protanopia

61.3508, 0.2996, 0.3073

Deuteranopia

61.1880, 0.3235, 0.3168



Tritanopia

61.3015, 0.3567, 0.3146

Trichromacy



Original Color

61.1313, 0.3496, 0.3024

Protanomaly

60.7350, 0.3170, 0.3047

Deuteranomaly

60.9489, 0.3329, 0.3106

Tritanomaly

61.0677, 0.3536, 0.3094

Monochromacy



Original Color

61.1313, 0.3496, 0.3024

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.6452, 0.3249, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1313, 0.3496, 0.3024 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.1313, 0.3496, 0.3024 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, 212) }
```

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

```
.border{ border-color:rgb(255, 186, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1313, 0.3496, 0.3024 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
186, 212) }
```

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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