

Converting Colors

$Y_{xy}(71.2531, 0.3860, 0.3073)$

Have a look what the booklet for
Yxy(71.2531, 0.3860, 0.3073)
contains.

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Color

Yxy(61.5541, 0.3494, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBD4
RGB	255, 187, 212
RGB Percent	100%, 73%, 83%
CMY	0.0001, 0.2666, 0.1686
CMYK	0.00, 0.27, 0.17, 0.00
HSL	338°, 100%, 87%
HSV	338°, 27%, 100%
XYZ	70.8866, 61.5541, 70.4403
YIQ	210.1820, 32.5030, 22.1910

Conversions

Conversions Part 2

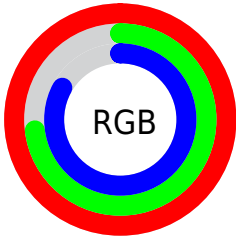
Format	Color
R _Y B	255, 187, 212
Decimal	16759764
CIE Lab	82.68, 28.11, -2.84
CIE LCh	83, 28.249, 354.221
Yxy	61.5541, 0.3494, 0.3034
Android (android.graphics.Color)	4294949844 (0xFFFFBBD4)
YUV	210.1820, 0.8963, 39.3054
Hunter-Lab	78.4564, 23.9789, 1.6873

Details

The Yxy color **61.5541, 0.3494, 0.3034** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7794, 0.2863, 0.3563**, and the grayscale version is **64.5539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **31.0797, 0.3588, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **50.9074, 0.3689, 0.2933**, and if you desaturate by 10%, it is **74.2081, 0.3333, 0.3134**.

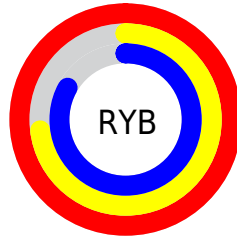
Distribution



Red (100%)

Green (73%)

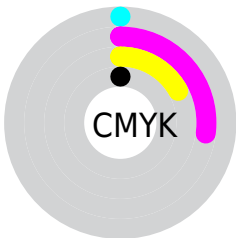
Blue (83%)



Red (100%)

Yellow (73%)

Blue (83%)

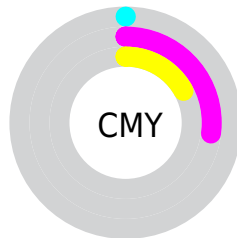


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5541, 0.3494, 0.3034 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 61.5541, 0.3494, 0.3034 by changing the saturation by 10% instead.


 61.5541, 0.3494,
0.3034

 61.5541, 0.3494,
0.3034

430.3027, 0.3320,
0.3154

 44.6725, 0.3535,
0.3006


 107.0808, 0.3433,
0.3076

 31.1995, 0.3586,
0.2971


136.4947, 0.3409,
0.3092

 20.7508, 0.3652,
0.2927


170.8549, 0.3389,
0.3106

 12.9420, 0.3739,
0.2868

210.5456, 0.3371,
0.3119

 7.3886, 0.3861,
0.2786

255.9514, 0.3356,
0.3129

 3.7063, 0.4044,
0.2666

307.4566, 0.3343,

 1.5107, 0.4344,

0.3139

0.2472

365.4455, 0.3331,
0.3147

0.2962, 0.5436,
0.1653

0.0000, 0.0000,
0.0000

61.5541, 0.3494,
0.3034

61.5541, 0.3494,
0.3034

50.9074, 0.3689,
0.2933

74.2081, 0.3333,
0.3134

42.1557, 0.3922,
0.2838

88.9574, 0.3201,
0.3230

35.1883, 0.4194,
0.2757

99.9942, 0.3127,
0.3290

29.8796, 0.4500,
0.2701

■ 26.0875, 0.4829,
0.2683

■ 23.6452, 0.5159,
0.2716

■ 22.3440, 0.5462,
0.2800

■ 22.0585, 0.5557,
0.2835

Harmonies

Analogous

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



61.5541, 0.3134, 0.2817



61.5541, 0.3494, 0.3034



61.5541, 0.3761, 0.3317

Triad

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



61.5541, 0.3494, 0.3034



61.5541, 0.3444, 0.3937



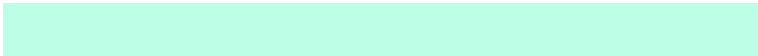
61.5541, 0.2457, 0.2911

Complementary

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



61.5541, 0.3494, 0.3034



87.7794, 0.2863, 0.3563

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.



61.5541, 0.2530, 0.3210



61.5541, 0.3494, 0.3034



61.5541, 0.3088, 0.3837

Square

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



61.5541, 0.3494, 0.3034



61.5541, 0.3725, 0.3842



61.5541, 0.2756, 0.3560



61.5541, 0.2549, 0.2737

Rectangle

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



61.5541, 0.3494, 0.3034



61.5541, 0.3840, 0.3514



61.5541, 0.2756, 0.3560



61.5541, 0.2463, 0.3000

Sweetspot

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



61.5569, 0.3494, 0.3034



86.8649, 0.3217, 0.3217



59.4117, 0.2961, 0.2583



18.0975, 0.3236, 0.3203



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.



61.5569, 0.3494, 0.3034



55.6324, 0.3594, 0.2980



63.8490, 0.3684, 0.3374



18.0975, 0.3236, 0.3203



11.5554, 0.5514, 0.2811



1.1453, 0.5202, 0.2639

Inverse Universe

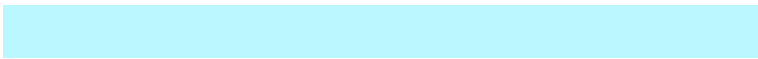
The Inverse Universe completely reimagines the original color for something new.



61.5569, 0.3494, 0.3034



55.6324, 0.3594, 0.2980



84.3323, 0.2728, 0.3204



18.0975, 0.3236, 0.3203



11.5554, 0.5514, 0.2811



1.1453, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 61.5541, 0.3494, 0.3034 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 61.5541, 0.3494, 0.3034 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 61.5541, 0.3494, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 61.5541, 0.3494, 0.3034.



This preview shows how white text looks on a background with the Yxy color 61.5541, 0.3494, 0.3034.

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

61.5541, 0.3494, 0.3034

Protanopia

61.9695, 0.3003, 0.3085

Deuteranopia

61.8090, 0.3242, 0.3179



Tritanopia

61.7778, 0.3557, 0.3146

Trichromacy



Original Color

61.5541, 0.3494, 0.3034

Protanomaly

61.1906, 0.3169, 0.3058

Deuteranomaly

61.3955, 0.3327, 0.3117

Tritanomaly

61.4935, 0.3534, 0.3105

Monochromacy



Original Color

61.5541, 0.3494, 0.3034

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1130, 0.3248, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5541, 0.3494, 0.3034 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, 187, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.5541, 0.3494, 0.3034 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, 187, 212) }
```

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

```
.border{ border-color:rgb(255, 187, 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, 187, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5541, 0.3494, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 212) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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