

Converting Colors

$Yxy(61.6369, 0.3602, 0.3187)$

Have a look what the booklet for
Yxy(61.6369, 0.3602, 0.3187)
contains.

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Color

Yxy(61.7787, 0.3599, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC7
RGB	255, 189, 199
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2588, 0.2197
CMYK	0.00, 0.26, 0.22, 0.00
HSL	351°, 100%, 87%
HSV	351°, 26%, 100%
XYZ	69.7433, 61.7787, 62.2632
YIQ	209.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

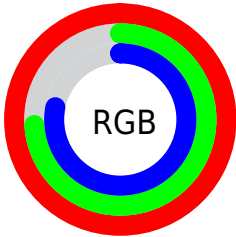
Format	Color
R _Y B	255, 189, 199
Decimal	16760263
CIE Lab	82.80, 25.14, 4.33
CIE LCh	83, 25.508, 9.779
Yxy	61.7787, 0.3599, 0.3188
Android (android.graphics.Color)	4294950343 (0xFFFFBDC7)
YUV	209.8740, -5.3609, 39.5755
Hunter-Lab	78.5994, 20.8386, 8.0526

Details

The Yxy color **61.7787, 0.3599, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9346, 0.2796, 0.3396**, and the grayscale version is **64.3807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.2426, 0.3720, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **50.8229, 0.3863, 0.3147**, and if you desaturate by 10%, it is **74.8119, 0.3385, 0.3229**.

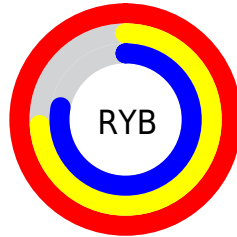
Distribution



Red (100%)

Green (74%)

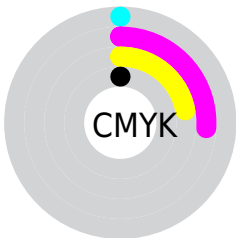
Blue (78%)



Red (100%)

Yellow (74%)

Blue (78%)

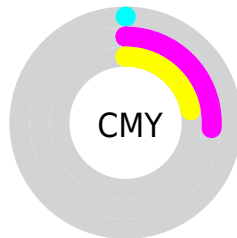


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7787, 0.3599, 0.3188 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 61.7787, 0.3599, 0.3188 by changing the saturation by 10% instead.


 61.7787, 0.3599,
0.3188

 61.7787, 0.3599,
0.3188

431.1234, 0.3373,
0.3239

 44.8539, 0.3653,
0.3175


 107.4056, 0.3519,
0.3207

 31.3424, 0.3720,
0.3159


136.8766, 0.3488,
0.3214

 20.8597, 0.3807,
0.3138


171.2983, 0.3462,
0.3219

 13.0215, 0.3923,
0.3108

211.0553, 0.3439,
0.3224

 7.4433, 0.4087,
0.3065

256.5319, 0.3420,
0.3229

 3.7409, 0.4335,
0.2996


308.1125, 0.3402,

 1.5297, 0.4748,

0.3233

0.2873


366.1816, 0.3387,
0.3236


 0.3095, 0.7258,
0.2470


 0.0000, 0.0000,
0.0000


 61.7787, 0.3599,
0.3188


 61.7787, 0.3599,
0.3188

 50.8229, 0.3863,
0.3147


 74.8119, 0.3385,
0.3229

 41.8289, 0.4185,
0.3109

 90.0131, 0.3212,
0.3268

 34.6829, 0.4563,
0.3080

99.9999, 0.3127,
0.3290

 29.2560, 0.4988,
0.3066

■ 25.4026, 0.5426,
0.3076

■ 22.9528, 0.5827,
0.3114

■ 21.6968, 0.6132,
0.3177

■ 21.4030, 0.6226,
0.3203

Harmonies

Analogous

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



61.7787, 0.3307, 0.2953



61.7787, 0.3599, 0.3188



61.7787, 0.3761, 0.3457

Triad

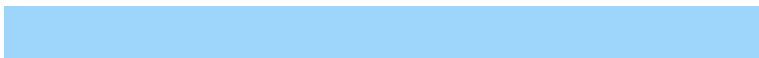
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7787, 0.3599, 0.3188



61.7787, 0.3251, 0.3846



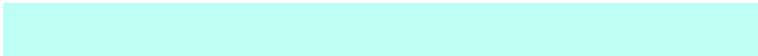
61.7787, 0.2545, 0.2851

Complementary

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



61.7787, 0.3599, 0.3188



88.9346, 0.2796, 0.3396

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.



61.7787, 0.2533, 0.3069



61.7787, 0.3599, 0.3188



61.7787, 0.2930, 0.3667

Square

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



61.7787, 0.3599, 0.3188



61.7787, 0.3550, 0.3852



61.7787, 0.2670, 0.3372



61.7787, 0.2703, 0.2758

Rectangle

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



61.7787, 0.3599, 0.3188



61.7787, 0.3768, 0.3626



61.7787, 0.2670, 0.3372



61.7787, 0.2524, 0.2911

Sweetspot

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



61.7816, 0.3599, 0.3188



86.6021, 0.3246, 0.3260



62.8528, 0.3074, 0.2627



18.0318, 0.3270, 0.3254



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.



61.7816, 0.3599, 0.3188



55.9169, 0.3728, 0.3167



71.5262, 0.3626, 0.3518



18.0318, 0.3270, 0.3254



11.1969, 0.6196, 0.3187



1.1027, 0.5926, 0.3038

Inverse Universe

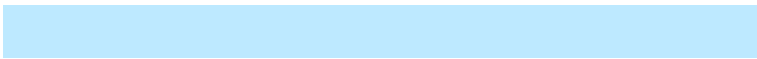
The Inverse Universe completely reimagines the original color for something new.



61.7816, 0.3599, 0.3188



55.9169, 0.3728, 0.3167



76.3195, 0.2724, 0.3050



18.0318, 0.3270, 0.3254



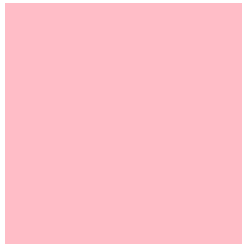
11.1969, 0.6196, 0.3187



1.1027, 0.5926, 0.3038

Previews

White Background



This preview shows how the Yxy color 61.7787, 0.3599, 0.3188 looks on a white background.

Color Contrast Check

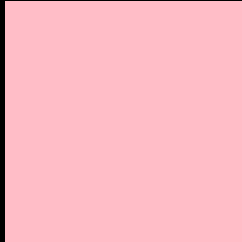
Large Text (above 18pt) WCAG AA × Fail

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 61.7787, 0.3599, 0.3188 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 61.7787, 0.3599, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 61.7787, 0.3599, 0.3188.

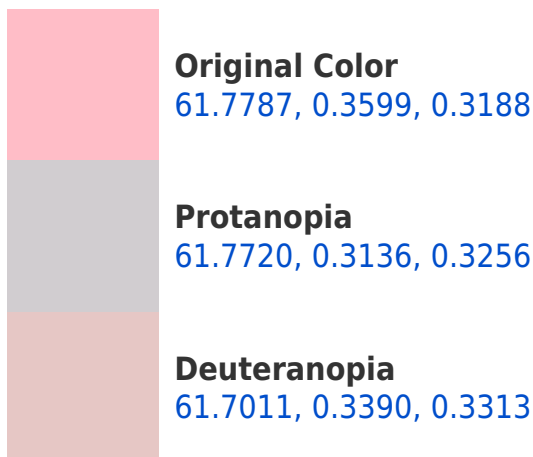


This preview shows how white text looks on a background with the Yxy color 61.7787, 0.3599, 0.3188.

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

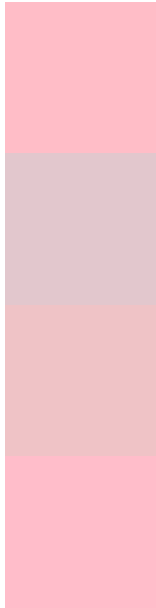




Tritanopia

61.9670, 0.3565, 0.3146

Trichromacy



Original Color

61.7787, 0.3599, 0.3188

Protanomaly

61.4234, 0.3296, 0.3224

Deuteranomaly

61.4582, 0.3462, 0.3258

Tritanomaly

61.9195, 0.3574, 0.3157

Monochromacy



Original Color

61.7787, 0.3599, 0.3188

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.8660, 0.3285, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7787, 0.3599, 0.3188 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, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.7787, 0.3599, 0.3188 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, 189, 199) }
```

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

```
.border{ border-color:rgb(255, 189, 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, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7787, 0.3599, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 199) }
```

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

```
.background{ background-color: rgb(255,  
189, 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](#).

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