

Converting Colors

$Y_{xy}(65.2916, 0.3730, 0.3130)$

Have a look what the booklet for
Yxy(65.2916, 0.3730, 0.3130)
contains.

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Color

Yxy(61.1603, 0.3561, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBCC
RGB	255, 187, 204
RGB Percent	100%, 73%, 80%
CMY	0.0000, 0.2667, 0.1999
CMYK	0.00, 0.27, 0.20, 0.00
HSL	345°, 100%, 87%
HSV	345°, 27%, 100%
XYZ	69.9171, 61.1603, 65.2638
YIQ	209.2700, 35.0710, 19.7030

Conversions

Conversions Part 2

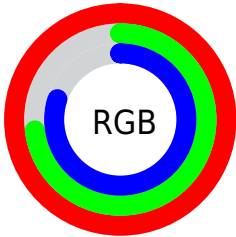
Format	Color
R _Y B	255, 187, 204
Decimal	16759756
CIE Lab	82.46, 26.94, 1.14
CIE LCh	82, 26.962, 2.417
Yxy	61.1603, 0.3561, 0.3115
Android (android.graphics.Color)	4294949836 (0xFFFFBBCC)
YUV	209.2700, -2.5981, 40.1052
Hunter-Lab	78.2051, 22.7243, 5.2647

Details

The Yxy color **61.1603, 0.3561, 0.3115** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2552, 0.2821, 0.3474**, and the grayscale version is **63.9451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **30.8474, 0.3669, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **50.4223, 0.3795, 0.3046**, and if you desaturate by 10%, it is **73.9301, 0.3369, 0.3183**.

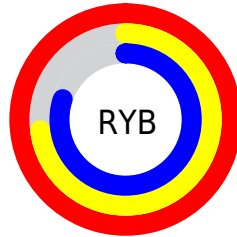
Distribution



Red (100%)

Green (73%)

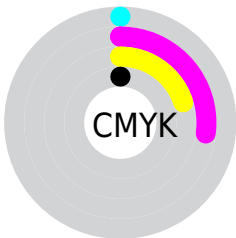
Blue (80%)



Red (100%)

Yellow (73%)

Blue (80%)

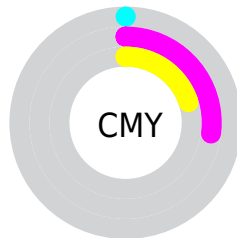


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1603, 0.3561, 0.3115 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 61.1603, 0.3561, 0.3115 by changing the saturation by 10% instead.

 61.1603, 0.3561,
0.3115

 61.1603, 0.3561,
0.3115


428.8615, 0.3354,
0.3199

 44.3545, 0.3610,
0.3095


 106.5110, 0.3488,
0.3145

 30.9493, 0.3672,
0.3070


135.8247, 0.3460,
0.3156

 20.5603, 0.3751,
0.3037


170.0766, 0.3435,
0.3166

 12.8030, 0.3858,
0.2993

209.6510, 0.3415,
0.3175

 7.2930, 0.4008,
0.2930

254.9323, 0.3396,
0.3182

 3.6460, 0.4233,
0.2835


306.3049, 0.3380,

 1.4776, 0.4611,


0.3188


0.2675


364.1531, 0.3366,
0.3194


 0.2729, 0.6521,
0.1936

 0.0000, 0.0000,
0.0000


 61.1603, 0.3561,
0.3115


 61.1603, 0.3561,
0.3115

 50.4223, 0.3795,
0.3046


 73.9301, 0.3369,
0.3183

 41.6128, 0.4078,
0.2982

 88.8322, 0.3214,
0.3249

 34.6158, 0.4411,
0.2930

100.0000, 0.3127,
0.3290

 29.3036, 0.4786,
0.2900

■ 25.5317, 0.5181,
0.2903

■ 23.1309, 0.5561,
0.2948

■ 21.8896, 0.5882,
0.3034

■ 21.6287, 0.5974,
0.3065

Harmonies

Analogous

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



61.1603, 0.3231, 0.2884



61.1603, 0.3561, 0.3115



61.1603, 0.3774, 0.3395

Triad

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



61.1603, 0.3561, 0.3115



61.1603, 0.3341, 0.3901



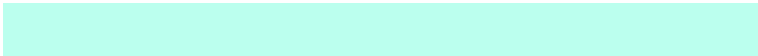
61.1603, 0.2493, 0.2869

Complementary

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



61.1603, 0.3561, 0.3115



88.2552, 0.2821, 0.3474

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.



61.1603, 0.2520, 0.3128



61.1603, 0.3561, 0.3115



61.1603, 0.2998, 0.3753

Square

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



61.1603, 0.3561, 0.3115



61.1603, 0.3639, 0.3859



61.1603, 0.2700, 0.3458



61.1603, 0.2624, 0.2738

Rectangle

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



61.1603, 0.3561, 0.3115



61.1603, 0.3815, 0.3581



61.1603, 0.2700, 0.3458



61.1603, 0.2484, 0.2943

Sweetspot

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



61.1595, 0.3561, 0.3115



86.7219, 0.3233, 0.3240



60.7398, 0.3021, 0.2595



18.0617, 0.3255, 0.3231



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.



61.1595, 0.3561, 0.3115



55.1886, 0.3680, 0.3078



67.4947, 0.3663, 0.3456



18.0617, 0.3255, 0.3231



11.3214, 0.5934, 0.3043



1.1189, 0.5619, 0.2869

Inverse Universe

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



61.1595, 0.3561, 0.3115



55.1886, 0.3680, 0.3078



79.5945, 0.2720, 0.3117



18.0617, 0.3255, 0.3231



11.3214, 0.5934, 0.3043



1.1189, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 61.1603, 0.3561, 0.3115 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 61.1603, 0.3561, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

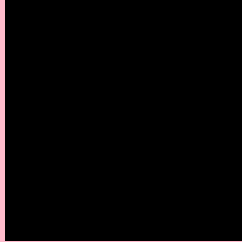
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1603, 0.3561, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 61.1603, 0.3561, 0.3115.

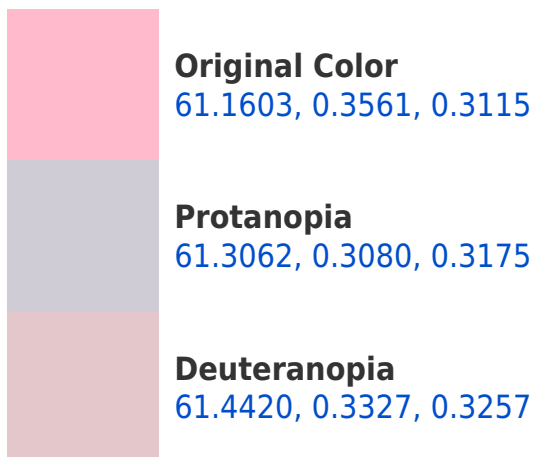


This preview shows how white text looks on a background with the Yxy color 61.1603, 0.3561, 0.3115.

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

61.0649, 0.3578, 0.3136

Trichromacy



Original Color

61.1603, 0.3561, 0.3115

Protanomaly

60.8886, 0.3244, 0.3157

Deuteranomaly

61.3465, 0.3406, 0.3204

Tritanomaly

61.1124, 0.3569, 0.3126

Monochromacy



Original Color

61.1603, 0.3561, 0.3115

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.4470, 0.3279, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1603, 0.3561, 0.3115 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.1603, 0.3561, 0.3115 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, 204) }
```

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

```
.border{ border-color:rgb(255, 187, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1603, 0.3561, 0.3115 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
187, 204) }
```

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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