

Converting Colors

$Yxy(88.0614, 0.4366, 0.3225)$

Have a look what the booklet for
Yxy(88.0614, 0.4366, 0.3225)
contains.

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Color

Yxy(63.1763, 0.3576, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0C9
RGB	255, 192, 201
RGB Percent	100%, 75%, 79%
CMY	0.0000, 0.2471, 0.2118
CMYK	0.00, 0.25, 0.21, 0.00
HSL	351°, 100%, 88%
HSV	351°, 25%, 100%
XYZ	70.6437, 63.1763, 63.7294
YIQ	211.8630, 34.6590, 16.1550

Conversions

Conversions Part 2

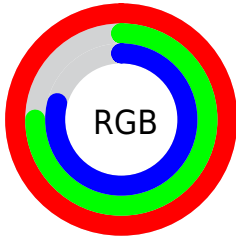
Format	Color
R _Y B	255, 192, 201
Decimal	16761033
CIE Lab	83.54, 23.88, 4.31
CIE LCh	84, 24.269, 10.240
Yxy	63.1763, 0.3576, 0.3198
Android (android.graphics.Color)	4294951113 (0xFFFFC0C9)
YUV	211.8630, -5.3555, 37.8311
Hunter-Lab	79.4835, 19.5518, 8.1001

Details

The Yxy color **63.1763, 0.3576, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.3779, 0.2808, 0.3385**, and the grayscale version is **65.7558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **32.1539, 0.3687, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **51.9710, 0.3836, 0.3159**, and if you desaturate by 10%, it is **76.4576, 0.3365, 0.3237**.

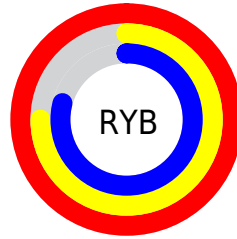
Distribution



Red (100%)

Green (75%)

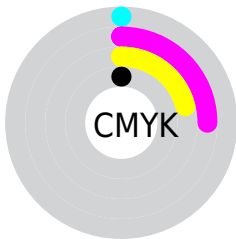
Blue (79%)



Red (100%)

Yellow (75%)

Blue (79%)

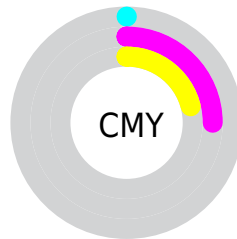


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1763, 0.3576, 0.3198 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 63.1763, 0.3576, 0.3198 by changing the saturation by 10% instead.


 63.1763, 0.3576,
0.3198

 63.1763, 0.3576,
0.3198


436.2090, 0.3362,
0.3244

 45.9838, 0.3627,
0.3187


 109.4238, 0.3500,
0.3215

 32.2331, 0.3690,
0.3172


139.2477, 0.3471,
0.3221

 21.5396, 0.3772,
0.3153


174.0508, 0.3446,
0.3226

 13.5190, 0.3881,
0.3126

214.2176, 0.3425,
0.3231

 7.7869, 0.4034,
0.3088

260.1324, 0.3406,
0.3235

 3.9589, 0.4264,
0.3027


312.1796, 0.3390,

 1.6506, 0.4646,


0.3238


0.2918


370.7437, 0.3375,
0.3241


 0.3914, 0.6505,
0.2652

 0.0000, 0.0000,
0.0000


 63.1763, 0.3576,
0.3198


 63.1763, 0.3576,
0.3198

 51.9710, 0.3836,
0.3159

 76.4576, 0.3365,
0.3237

 42.7507, 0.4154,
0.3123

 91.9287, 0.3195,
0.3274

 35.3949, 0.4530,
0.3094

100.0000, 0.3127,
0.3290

 29.7760, 0.4954,
0.3079

■ 25.7503, 0.5396,
0.3086

■ 23.1510, 0.5805,
0.3120

■ 21.7742, 0.6121,
0.3179

■ 21.3903, 0.6241,
0.3212

Harmonies

Analogous

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



63.1763, 0.3302, 0.2973



63.1763, 0.3576, 0.3198



63.1763, 0.3726, 0.3453

Triad

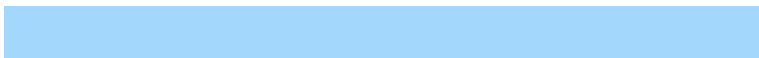
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.1763, 0.3576, 0.3198



63.1763, 0.3241, 0.3813



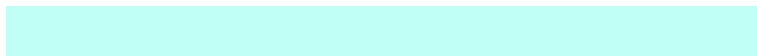
63.1763, 0.2577, 0.2873

Complementary

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



63.1763, 0.3576, 0.3198



89.3779, 0.2808, 0.3385

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.



63.1763, 0.2563, 0.3079



63.1763, 0.3576, 0.3198



63.1763, 0.2937, 0.3641

Square

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



63.1763, 0.3576, 0.3198



63.1763, 0.3524, 0.3822



63.1763, 0.2692, 0.3363



63.1763, 0.2729, 0.2786

Rectangle

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



63.1763, 0.3576, 0.3198



63.1763, 0.3731, 0.3613



63.1763, 0.2692, 0.3363



63.1763, 0.2556, 0.2929

Sweetspot

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



63.1712, 0.3576, 0.3198



88.1889, 0.3231, 0.3265



64.4253, 0.3085, 0.2659



18.6692, 0.3240, 0.3263



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.



63.1712, 0.3576, 0.3198



56.9935, 0.3707, 0.3177



73.1798, 0.3596, 0.3518



18.0294, 0.3272, 0.3256



11.1896, 0.6212, 0.3196



1.1016, 0.5949, 0.3051

Inverse Universe

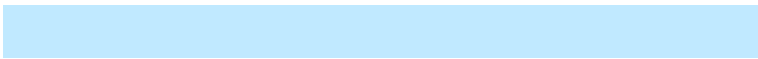
The Inverse Universe completely reimagines the original color for something new.



63.1712, 0.3576, 0.3198



56.9935, 0.3707, 0.3177



76.6721, 0.2741, 0.3050



18.0294, 0.3272, 0.3256



11.1896, 0.6212, 0.3196



1.1016, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 63.1763, 0.3576, 0.3198 looks on a white background.

Color Contrast Check

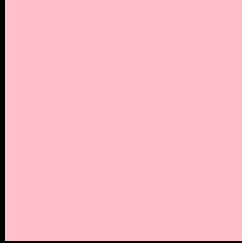
Large Text (above 18pt) WCAG AA × Fail

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 63.1763, 0.3576, 0.3198 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 63.1763, 0.3576, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 63.1763, 0.3576, 0.3198.



This preview shows how white text looks on a background with the Yxy color 63.1763, 0.3576, 0.3198.

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

63.1763, 0.3576, 0.3198

Protanopia

63.2758, 0.3144, 0.3256

Deuteranopia

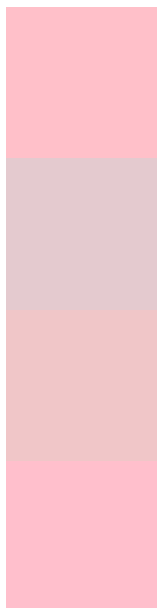
63.0526, 0.3387, 0.3313



Tritanopia

62.9778, 0.3537, 0.3136

Trichromacy



Original Color

63.1763, 0.3576, 0.3198

Protanomaly

63.2400, 0.3294, 0.3235

Deuteranomaly

63.0836, 0.3449, 0.3269

Tritanomaly

62.8812, 0.3553, 0.3157

Monochromacy



Original Color

63.1763, 0.3576, 0.3198

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.7107, 0.3283, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1763, 0.3576, 0.3198 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, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 201)  
}
```

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, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 201) }
```

Border

The CSS property to change the border of an element to Yxy 63.1763, 0.3576, 0.3198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

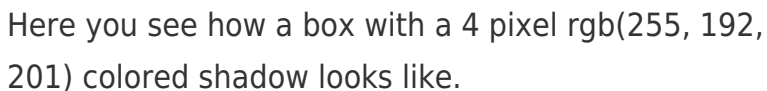
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 201) }
```

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

```
.border{ border-color:rgb(255, 192, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 201); box-shadow:4px 4px 4px 4px rgb(255, 192, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1763, 0.3576, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 201) }
```

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

```
.background{ background-color: rgb(255,  
192, 201) }
```

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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