

Converting Colors

$Y_{xy}(63.1792, 0.3571, 0.3192)$

Have a look what the booklet for
Yxy(63.1792, 0.3571, 0.3192)
contains.

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Color

Yxy(63.2235, 0.3567, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0CA
RGB	255, 192, 202
RGB Percent	100%, 75%, 79%
CMY	0.0002, 0.2470, 0.2078
CMYK	0.00, 0.25, 0.21, 0.00
HSL	350°, 100%, 88%
HSV	350°, 25%, 100%
XYZ	70.7397, 63.2235, 64.3539
YIQ	211.9770, 34.3380, 16.4660

Conversions

Conversions Part 2

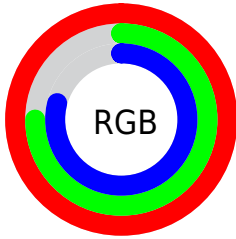
Format	Color
R_{YB}	255, 192, 202
Decimal	16761034
CIE _{Lab}	83.56, 23.98, 3.81
CIE _{LCh}	84, 24.282, 9.033
Yxy	63.2235, 0.3567, 0.3188
Android (android.graphics.Color)	4294951114 (0xFFFFC0CA)
YUV	211.9770, -4.9187, 37.7312
Hunter-Lab	79.5132, 19.6562, 7.6730

Details

The Yxy color **63.2235, 0.3567, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2958, 0.2813, 0.3396**, and the grayscale version is **65.8391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **32.1854, 0.3676, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **52.0348, 0.3823, 0.3145**, and if you desaturate by 10%, it is **76.4987, 0.3360, 0.3231**.

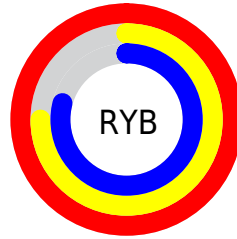
Distribution



Red (100%)

Green (75%)

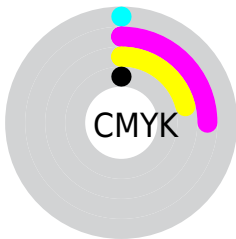
Blue (79%)



Red (100%)

Yellow (75%)

Blue (79%)

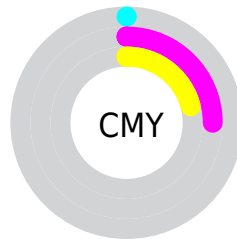


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2235, 0.3567, 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 63.2235, 0.3567, 0.3188 by changing the saturation by 10% instead.


 63.2235, 0.3567,
0.3188

 63.2235, 0.3567,
0.3188

436.3802, 0.3357,
0.3239

 46.0220, 0.3617,
0.3176


 109.4919, 0.3493,
0.3206

 32.2632, 0.3679,
0.3160


139.3276, 0.3465,
0.3213

 21.5626, 0.3758,
0.3139

174.1435, 0.3440,
0.3219

 13.5359, 0.3865,
0.3111

214.3241, 0.3419,
0.3224

 7.7986, 0.4015,
0.3070

260.2536, 0.3401,
0.3228

 3.9663, 0.4240,
0.3006


312.3165, 0.3384,

 1.6547, 0.4613,


0.3232


0.2893


370.8973, 0.3370,
0.3236

 0.3941, 0.6343,
0.2589


 0.0000, 0.0000,
0.0000


 63.2235, 0.3567,
0.3188


 63.2235, 0.3567,
0.3188

 52.0348, 0.3823,
0.3145

 76.4987, 0.3360,
0.3231

 42.8181, 0.4134,
0.3104

 91.9499, 0.3194,
0.3272

 35.4611, 0.4502,
0.3071

99.9926, 0.3127,
0.3290

 29.8369, 0.4918,
0.3054

■ 25.8024, 0.5354,
0.3060

■ 23.1915, 0.5762,
0.3096

■ 21.8012, 0.6084,
0.3159

■ 21.4088, 0.6210,
0.3195

Harmonies

Analogous

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



63.2235, 0.3290, 0.2966



63.2235, 0.3567, 0.3188



63.2235, 0.3723, 0.3443

Triad

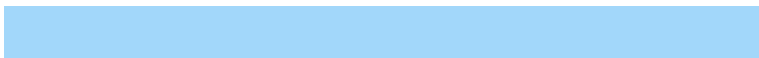
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2235, 0.3567, 0.3188



63.2235, 0.3253, 0.3816



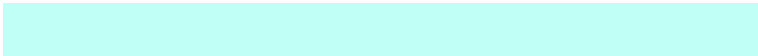
63.2235, 0.2573, 0.2879

Complementary

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



63.2235, 0.3567, 0.3188



89.2958, 0.2813, 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.



63.2235, 0.2566, 0.3089



63.2235, 0.3567, 0.3188



63.2235, 0.2948, 0.3651

Square

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



63.2235, 0.3567, 0.3188



63.2235, 0.3534, 0.3819



63.2235, 0.2700, 0.3375



63.2235, 0.2720, 0.2787

Rectangle

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



63.2235, 0.3567, 0.3188



63.2235, 0.3734, 0.3604



63.2235, 0.2700, 0.3375



63.2235, 0.2555, 0.2937

Sweetspot

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



63.2264, 0.3567, 0.3188



88.2054, 0.3229, 0.3263



64.2443, 0.3077, 0.2658



18.6730, 0.3238, 0.3260



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.



63.2264, 0.3567, 0.3188



57.0455, 0.3696, 0.3165



72.6490, 0.3598, 0.3507



18.0340, 0.3269, 0.3253



11.2042, 0.6180, 0.3178



1.1038, 0.5905, 0.3026

Inverse Universe

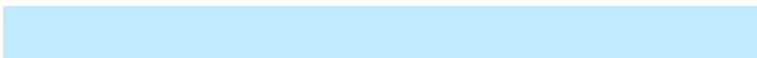
The Inverse Universe completely reimagines the original color for something new.



63.2264, 0.3567, 0.3188



57.0455, 0.3696, 0.3165



77.2621, 0.2743, 0.3062



18.0340, 0.3269, 0.3253



11.2042, 0.6180, 0.3178



1.1038, 0.5905, 0.3026

Previews

White Background



This preview shows how the Yxy color 63.2235, 0.3567, 0.3188 looks on a white background.

Color Contrast Check

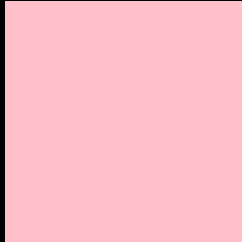
Large Text (above 18pt) WCAG AA × Fail

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 63.2235, 0.3567, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

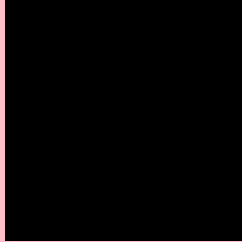
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2235, 0.3567, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 63.2235, 0.3567, 0.3188.



This preview shows how white text looks on a background with the Yxy color 63.2235, 0.3567, 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



Original Color

63.2235, 0.3567, 0.3188

Protanopia

63.8119, 0.3136, 0.3256

Deuteranopia

63.5670, 0.3378, 0.3313



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.2235, 0.3567, 0.3188

Protanomaly

63.2891, 0.3286, 0.3224

Deuteranomaly

63.1305, 0.3441, 0.3259

Tritanomaly

63.3671, 0.3543, 0.3157

Monochromacy



Original Color

63.2235, 0.3567, 0.3188

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 63.2235, 0.3567, 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, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.2235, 0.3567, 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, 192, 202) }
```

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

```
.border{ border-color:rgb(255, 192, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2235, 0.3567, 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, 192, 202) }
```

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

```
.background{ background-color: rgb(255,  
192, 202) }
```

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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