

Converting Colors

Yxy(63.4554, 0.3602, 0.3245)

Have a look what the booklet for
Yxy(63.4554, 0.3602, 0.3245)
contains.

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Color

Yxy(63.4311, 0.3606, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1C5
RGB	255, 193, 197
RGB Percent	100%, 76%, 77%
CMY	0.0001, 0.2431, 0.2274
CMYK	0.00, 0.24, 0.23, 0.00
HSL	356°, 100%, 88%
HSV	356°, 24%, 100%
XYZ	70.3792, 63.4311, 61.3623
YIQ	211.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

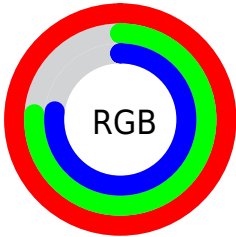
Format	Color
R _Y B	255, 193, 197
Decimal	16761285
CIE Lab	83.67, 22.74, 6.64
CIE LCh	84, 23.691, 16.283
Yxy	63.4311, 0.3606, 0.3250
Android (android.graphics.Color)	4294951365 (0xFFFFC1C5)
YUV	211.9940, -7.3920, 37.7163
Hunter-Lab	79.6436, 18.3599, 10.0700

Details

The Yxy color **63.4311, 0.3606, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8018, 0.2788, 0.3331**, and the grayscale version is **65.8673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7870, 0.3135, 0.3252**, and **32.3187, 0.3729, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **52.1063, 0.3890, 0.3233**, and if you desaturate by 10%, it is **76.8780, 0.3377, 0.3267**.

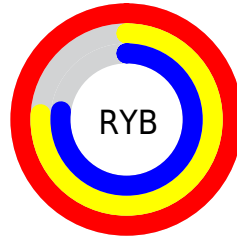
Distribution



Red (100%)

Green (76%)

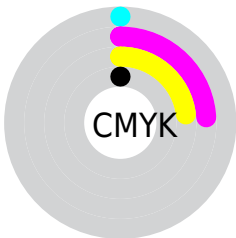
Blue (77%)



Red (100%)

Yellow (76%)

Blue (77%)

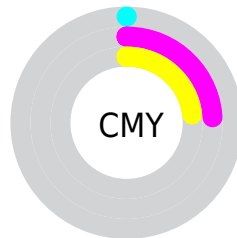


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4311, 0.3606, 0.3250 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 63.4311, 0.3606, 0.3250 by changing the saturation by 10% instead.


 63.4311, 0.3606,
0.3250

 63.4311, 0.3606,
0.3250

437.1323, 0.3377,
0.3272

 46.1901, 0.3660,
0.3244


 109.7912, 0.3525,
0.3259

 32.3958, 0.3728,
0.3236


139.6791, 0.3494,
0.3262

 21.6640, 0.3815,
0.3225


174.5513, 0.3468,
0.3264

 13.6102, 0.3932,
0.3208

214.7924, 0.3445,
0.3266

 7.8501, 0.4096,
0.3183

260.7866, 0.3425,
0.3268

 3.9992, 0.4342,
0.3141

312.9184, 0.3407,

 1.6731, 0.4749,

0.3270

0.3058

371.5722, 0.3391,
0.3271

0.4061, 0.6994,
0.3006

0.0000, 0.0000,
0.0000

63.4311, 0.3606,
0.3250

63.4311, 0.3606,
0.3250

52.1063, 0.3890,
0.3233

76.8780, 0.3377,
0.3267

42.7871, 0.4237,
0.3217

92.5383, 0.3194,
0.3283

35.3590, 0.4648,
0.3206

99.9935, 0.3127,
0.3290

29.6927, 0.5105,
0.3202

■ 25.6424, 0.5570,
0.3209

■ 23.0391, 0.5976,
0.3228

■ 21.6763, 0.6257,
0.3258

■ 21.2922, 0.6352,
0.3273

Harmonies

Analogous

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



63.4311, 0.3357, 0.3021



63.4311, 0.3606, 0.3250



63.4311, 0.3721, 0.3499

Triad

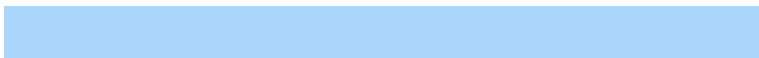
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4311, 0.3606, 0.3250



63.4311, 0.3178, 0.3777



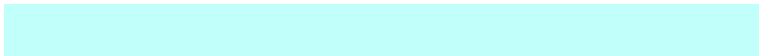
63.4311, 0.2610, 0.2856

Complementary

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



63.4311, 0.3606, 0.3250



89.8018, 0.2788, 0.3331

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.



63.4311, 0.2568, 0.3036



63.4311, 0.3606, 0.3250



63.4311, 0.2887, 0.3583

Square

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



63.4311, 0.3606, 0.3250



63.4311, 0.3464, 0.3819



63.4311, 0.2667, 0.3303



63.4311, 0.2783, 0.2796

Rectangle

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



63.4311, 0.3606, 0.3250



63.4311, 0.3703, 0.3648



63.4311, 0.2667, 0.3303



63.4311, 0.2580, 0.2904

Sweetspot

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



63.4340, 0.3606, 0.3250



88.1059, 0.3240, 0.3279



65.8455, 0.3125, 0.2677



18.6501, 0.3250, 0.3278



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.



63.4340, 0.3606, 0.3250



57.8653, 0.3732, 0.3242



76.2193, 0.3574, 0.3565



18.0060, 0.3284, 0.3275



11.1361, 0.6335, 0.3264



1.0906, 0.6186, 0.3182

Inverse Universe

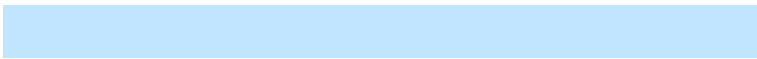
The Inverse Universe completely reimagines the original color for something new.



63.4340, 0.3606, 0.3250



57.8653, 0.3732, 0.3242



74.1123, 0.2743, 0.2998



18.0060, 0.3284, 0.3275



11.1361, 0.6335, 0.3264



1.0906, 0.6186, 0.3182

Previews

White Background



This preview shows how the Yxy color 63.4311, 0.3606, 0.3250 looks on a white background.

Color Contrast Check

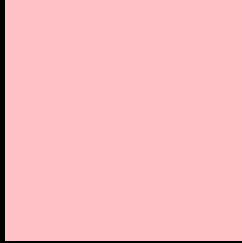
Large Text (above 18pt) WCAG AA × Fail

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 63.4311, 0.3606, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

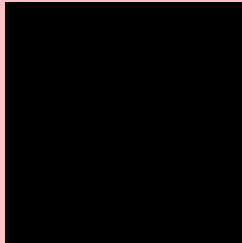
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4311, 0.3606, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 63.4311, 0.3606, 0.3250.



This preview shows how white text looks on a background with the Yxy color 63.4311, 0.3606, 0.3250.

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

63.4311, 0.3606, 0.3250

Protanopia

63.6657, 0.3186, 0.3324

Deuteranopia

63.6736, 0.3433, 0.3368



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.4311, 0.3606, 0.3250

Protanomaly

63.4701, 0.3330, 0.3302

Deuteranomaly

63.7096, 0.3495, 0.3323

Tritanomaly

63.2711, 0.3559, 0.3178

Monochromacy



Original Color

63.4311, 0.3606, 0.3250

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.6616, 0.3290, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4311, 0.3606, 0.3250 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, 193, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 197)  
}
```

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, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.4311, 0.3606, 0.3250 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, 193, 197) }
```

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

```
.border{ border-color:rgb(255, 193, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4311, 0.3606, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 197) }
```

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

```
.background{ background-color: rgb(255,  
193, 197) }
```

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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