

Converting Colors

$Yxy(63.9917, 0.3568, 0.3212)$

Have a look what the booklet for
Yxy(63.9917, 0.3568, 0.3212)
contains.

Yxy(64.0606, 0.3571, 0.3219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.0606, 0.3571, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C9
RGB	255, 194, 201
RGB Percent	100%, 76%, 79%
CMY	0.0001, 0.2391, 0.2117
CMYK	0.00, 0.24, 0.21, 0.00
HSL	353°, 100%, 88%
HSV	353°, 24%, 100%
XYZ	71.0657, 64.0606, 63.8815
YIQ	213.0370, 34.1090, 15.1090

Conversions

Conversions Part 2

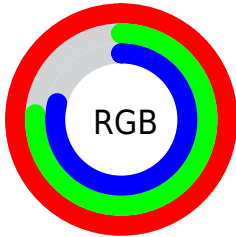
Format	Color
R _Y B	255, 194, 201
Decimal	16761545
CIE Lab	84.00, 22.79, 4.98
CIE LCh	84, 23.328, 12.323
Yxy	64.0606, 0.3571, 0.3219
Android (android.graphics.Color)	4294951625 (0xFFFFC2C9)
YUV	213.0370, -5.9342, 36.8016
Hunter-Lab	80.0379, 18.4240, 8.7047

Details

The Yxy color **64.0606, 0.3571, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.7467, 0.2808, 0.3363**, and the grayscale version is **66.5898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.7331, 0.3681, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **52.6844, 0.3837, 0.3188**, and if you desaturate by 10%, it is **77.5458, 0.3357, 0.3250**.

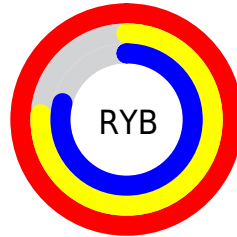
Distribution



Red (100%)

Green (76%)

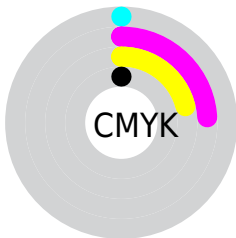
Blue (79%)



Red (100%)

Yellow (76%)

Blue (79%)

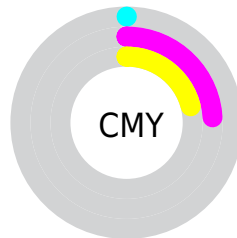


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0606, 0.3571, 0.3219 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 64.0606, 0.3571, 0.3219 by changing the saturation by 10% instead.

 64.0606, 0.3571,
0.3219

 64.0606, 0.3571,
0.3219


439.4084, 0.3360,
0.3255

 46.6998, 0.3621,
0.3210

 110.6982, 0.3496,
0.3232

 32.7984, 0.3683,
0.3198


140.7438, 0.3468,
0.3237

 21.9720, 0.3764,
0.3183


175.7863, 0.3443,
0.3241

 13.8363, 0.3871,
0.3161

216.2103, 0.3422,
0.3245

 8.0069, 0.4021,
0.3129

262.4002, 0.3403,
0.3248

 4.0994, 0.4246,
0.3078

314.7402, 0.3387,

 1.7293, 0.4617,

0.3251

0.2985

373.6148, 0.3373,
0.3253

0.4425, 0.6307,
0.2836

0.0000, 0.0000,
0.0000

64.0606, 0.3571,
0.3219

64.0606, 0.3571,
0.3219

52.6844, 0.3837,
0.3188

77.5458, 0.3357,
0.3250

43.3022, 0.4161,
0.3159

93.2299, 0.3185,
0.3279

35.8015, 0.4546,
0.3136

99.9937, 0.3127,
0.3290

30.0551, 0.4980,
0.3124

■ 25.9200, 0.5432,
0.3131

■ 23.2306, 0.5847,
0.3159

■ 21.7852, 0.6161,
0.3208

■ 21.3435, 0.6289,
0.3238

Harmonies

Analogous

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



64.0606, 0.3315, 0.3000



64.0606, 0.3571, 0.3219



64.0606, 0.3704, 0.3464

Triad

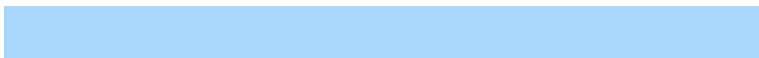
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0606, 0.3571, 0.3219



64.0606, 0.3216, 0.3782



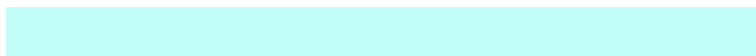
64.0606, 0.2606, 0.2881

Complementary

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



64.0606, 0.3571, 0.3219



89.7467, 0.2808, 0.3363

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.



64.0606, 0.2583, 0.3072



64.0606, 0.3571, 0.3219



64.0606, 0.2926, 0.3609

Square

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



64.0606, 0.3571, 0.3219



64.0606, 0.3491, 0.3803



64.0606, 0.2698, 0.3341



64.0606, 0.2760, 0.2806

Rectangle

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



64.0606, 0.3571, 0.3219



64.0606, 0.3701, 0.3615



64.0606, 0.2698, 0.3341



64.0606, 0.2583, 0.2933

Sweetspot

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



64.0635, 0.3571, 0.3219



88.1589, 0.3234, 0.3270



65.7405, 0.3102, 0.2683



18.6623, 0.3244, 0.3269



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.



64.0635, 0.3571, 0.3219



58.0252, 0.3699, 0.3203



74.9729, 0.3573, 0.3530



18.0209, 0.3276, 0.3263



11.1665, 0.6265, 0.3225



1.0976, 0.6032, 0.3096

Inverse Universe

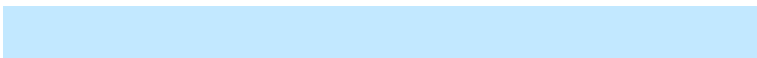
The Inverse Universe completely reimagines the original color for something new.



64.0635, 0.3571, 0.3219



58.0252, 0.3699, 0.3203



76.1802, 0.2752, 0.3037



18.0209, 0.3276, 0.3263



11.1665, 0.6265, 0.3225



1.0976, 0.6032, 0.3096

Previews

White Background



This preview shows how the Yxy color 64.0606, 0.3571, 0.3219 looks on a white background.

Color Contrast Check

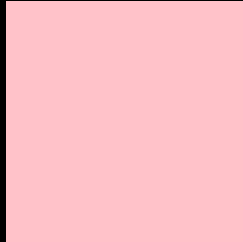
Large Text (above 18pt) WCAG AA × Fail

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 64.0606, 0.3571, 0.3219 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 64.0606, 0.3571, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 64.0606, 0.3571, 0.3219.

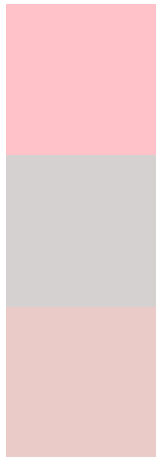


This preview shows how white text looks on a background with the Yxy color 64.0606, 0.3571, 0.3219.

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

64.0606, 0.3571, 0.3219

Protanopia

64.3505, 0.3157, 0.3290

Deuteranopia

64.3278, 0.3400, 0.3334



Tritanopia

63.9540, 0.3516, 0.3137

Trichromacy



Original Color

64.0606, 0.3571, 0.3219

Protanomaly

64.1359, 0.3299, 0.3268

Deuteranomaly

64.3559, 0.3462, 0.3291

Tritanomaly

63.8077, 0.3541, 0.3167

Monochromacy



Original Color

64.0606, 0.3571, 0.3219

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.2400, 0.3274, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0606, 0.3571, 0.3219 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, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 201) }
```

Border

The CSS property to change the border of an element to Yxy 64.0606, 0.3571, 0.3219 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, 194, 201) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0606, 0.3571, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 201) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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