

Converting Colors

$Y_{xy}(64.0703, 0.3555, 0.3195)$

Have a look what the booklet for
Yxy(64.0703, 0.3555, 0.3195)
contains.

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Color

Yxy(64.1554, 0.3555, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CB
RGB	255, 194, 203
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2392, 0.2038
CMYK	0.00, 0.24, 0.20, 0.00
HSL	351°, 100%, 88%
HSV	351°, 24%, 100%
XYZ	71.3172, 64.1554, 65.1384
YIQ	213.2650, 33.4670, 15.7310

Conversions

Conversions Part 2

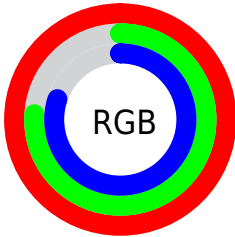
Format	Color
R _Y B	255, 194, 203
Decimal	16761547
CIE Lab	84.05, 23.11, 3.97
CIE LCh	84, 23.452, 9.753
Yxy	64.1554, 0.3555, 0.3198
Android (android.graphics.Color)	4294951627 (0xFFFFC2CB)
YUV	213.2650, -5.0606, 36.6016
Hunter-Lab	80.0971, 18.7638, 7.8508

Details

The Yxy color **64.1554, 0.3555, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6413, 0.2818, 0.3385**, and the grayscale version is **66.7439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.7964, 0.3659, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **52.7979, 0.3810, 0.3158**, and if you desaturate by 10%, it is **77.6059, 0.3349, 0.3238**.

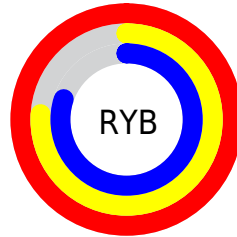
Distribution



Red (100%)

Green (76%)

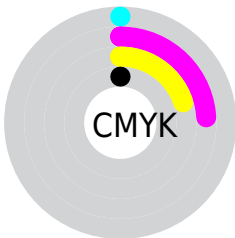
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

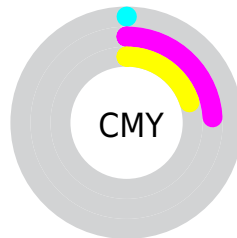


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1554, 0.3555, 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 64.1554, 0.3555, 0.3198 by changing the saturation by 10% instead.


 64.1554, 0.3555,
0.3198

 64.1554, 0.3555,
0.3198


439.7506, 0.3351,
0.3244

 46.7766, 0.3603,
0.3187

 110.8347, 0.3483,
0.3214

 32.8590, 0.3663,
0.3173


140.9040, 0.3456,
0.3221

 22.0185, 0.3740,
0.3154


175.9721, 0.3432,
0.3226

 13.8705, 0.3843,
0.3128

216.4236, 0.3412,
0.3231

 8.0306, 0.3987,
0.3091

262.6428, 0.3394,
0.3234

 4.1146, 0.4203,
0.3033


315.0141, 0.3378,

 1.7379, 0.4558,


0.3238


0.2930


373.9219, 0.3364,
0.3241


 0.4480, 0.6029,
0.2704

 0.0000, 0.0000,
0.0000


 64.1554, 0.3555,
0.3198


 64.1554, 0.3555,
0.3198

 52.7979, 0.3810,
0.3158


 77.6059, 0.3349,
0.3238

 43.4274, 0.4121,
0.3119

 93.2468, 0.3183,
0.3276

 35.9294, 0.4490,
0.3089

100.0000, 0.3127,
0.3290

 30.1776, 0.4909,
0.3072

■ 26.0300, 0.5349,
0.3077

■ 23.3223, 0.5762,
0.3109

■ 21.8543, 0.6089,
0.3167

■ 21.3982, 0.6232,
0.3207

Harmonies

Analogous

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



64.1554, 0.3291, 0.2982



64.1554, 0.3555, 0.3198



64.1554, 0.3701, 0.3444

Triad

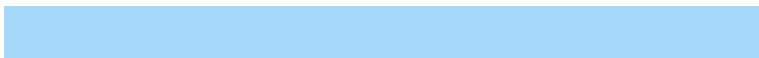
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1554, 0.3555, 0.3198



64.1554, 0.3242, 0.3793



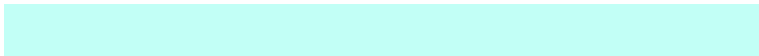
64.1554, 0.2596, 0.2891

Complementary

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



64.1554, 0.3555, 0.3198



89.6413, 0.2818, 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.



64.1554, 0.2585, 0.3092



64.1554, 0.3555, 0.3198



64.1554, 0.2949, 0.3630

Square

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



64.1554, 0.3555, 0.3198



64.1554, 0.3513, 0.3800



64.1554, 0.2711, 0.3365



64.1554, 0.2741, 0.2805

Rectangle

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



64.1554, 0.3555, 0.3198



64.1554, 0.3709, 0.3598



64.1554, 0.2711, 0.3365



64.1554, 0.2577, 0.2947

Sweetspot

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



64.1556, 0.3555, 0.3198



88.1941, 0.3230, 0.3265



65.3683, 0.3087, 0.2680



18.6704, 0.3240, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

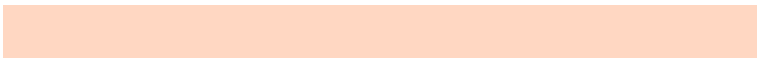
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1556, 0.3555, 0.3198



58.1335, 0.3678, 0.3177



73.9336, 0.3578, 0.3510



18.0309, 0.3271, 0.3255



11.1941, 0.6202, 0.3190



1.1023, 0.5935, 0.3043

Inverse Universe

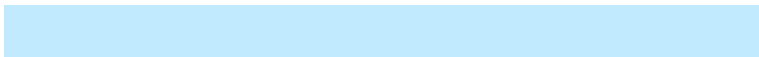
The Inverse Universe completely reimagines the original color for something new.



64.1556, 0.3555, 0.3198



58.1335, 0.3678, 0.3177



77.3352, 0.2754, 0.3059



18.0309, 0.3271, 0.3255



11.1941, 0.6202, 0.3190



1.1023, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 64.1554, 0.3555, 0.3198 looks on a white background.

Color Contrast Check

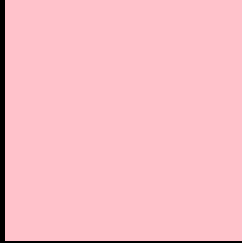
Large Text (above 18pt) WCAG AA × Fail

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 64.1554, 0.3555, 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 64.1554, 0.3555, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 64.1554, 0.3555, 0.3198.

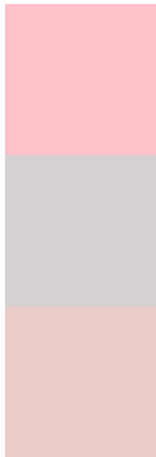


This preview shows how white text looks on a background with the Yxy color 64.1554, 0.3555, 0.3198.

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

64.1554, 0.3555, 0.3198

Protanopia

64.4502, 0.3143, 0.3267

Deuteranopia

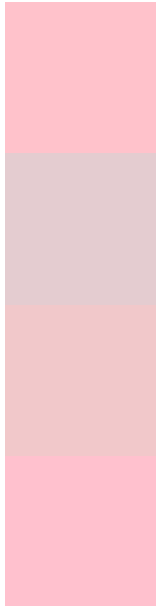
64.2526, 0.3377, 0.3313



Tritanopia

63.9540, 0.3516, 0.3137

Trichromacy



Original Color

64.1554, 0.3555, 0.3198

Protanomaly

64.2338, 0.3284, 0.3247

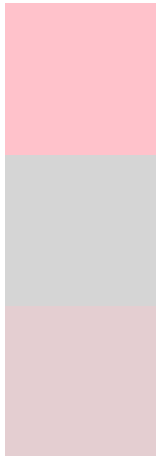
Deuteranomaly

64.2736, 0.3438, 0.3270

Tritanomaly

63.8562, 0.3533, 0.3157

Monochromacy



Original Color

64.1554, 0.3555, 0.3198

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 64.1554, 0.3555, 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, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 203) }
```

Border

The CSS property to change the border of an element to Yxy 64.1554, 0.3555, 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, 194, 203) }
```

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

```
.border{ border-color:rgb(255, 194, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1554, 0.3555, 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, 194, 203) }
```

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

```
.background{ background-color: rgb(255,  
194, 203) }
```

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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