

Converting Colors

Yxy(64.0594, 0.3465, 0.3066)

Have a look what the booklet for
Yxy(64.0594, 0.3465, 0.3066)
contains.

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Color

Yxy(64.2550, 0.3468, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1D6
RGB	255, 193, 214
RGB Percent	100%, 76%, 84%
CMY	0.0000, 0.2431, 0.1608
CMYK	0.00, 0.24, 0.16, 0.00
HSL	340°, 100%, 88%
HSV	340°, 24%, 100%
XYZ	72.4435, 64.2550, 72.1929
YIQ	213.9320, 30.2110, 19.6750

Conversions

Conversions Part 2

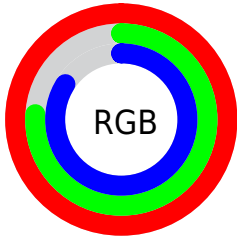
Format	Color
R _Y B	255, 193, 214
Decimal	16761302
CIE Lab	84.10, 25.27, -1.81
CIE LCh	84, 25.334, 355.893
Yxy	64.2550, 0.3468, 0.3076
Android (android.graphics.Color)	4294951382 (0xFFFFC1D6)
YUV	213.9320, 0.0335, 36.0166
Hunter-Lab	80.1592, 21.0400, 2.7138

Details

The Yxy color **64.2550, 0.3468, 0.3076** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7950, 0.2875, 0.3516**, and the grayscale version is **67.1828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **32.8388, 0.3551, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **53.1206, 0.3664, 0.2983**, and if you desaturate by 10%, it is **77.4281, 0.3307, 0.3167**.

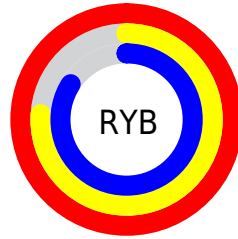
Distribution



Red (100%)

Green (76%)

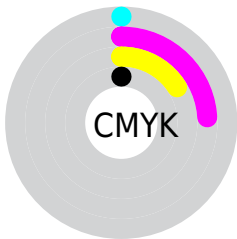
Blue (84%)



Red (100%)

Yellow (76%)

Blue (84%)

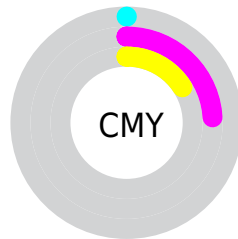


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2550, 0.3468, 0.3076 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 64.2550, 0.3468, 0.3076 by changing the saturation by 10% instead.

 64.2550, 0.3468,
0.3076

 64.2550, 0.3468,
0.3076

440.1099, 0.3307,
0.3176

 46.8572, 0.3506,
0.3053


 110.9781, 0.3412,
0.3111

 32.9228, 0.3552,
0.3024


141.0722, 0.3390,
0.3125

 22.0673, 0.3612,
0.2987


176.1673, 0.3371,
0.3136

 13.9064, 0.3692,
0.2938

216.6476, 0.3355,
0.3146

 8.0556, 0.3803,
0.2871

262.8976, 0.3341,
0.3155

 4.1305, 0.3967,
0.2772

315.3018, 0.3328,

 1.7468, 0.4235,


0.3163


0.2612


374.2444, 0.3317,
0.3170


 0.4537, 0.4979,
0.2120


 0.0000, 0.0000,
0.0000

 64.2550, 0.3468,
0.3076


 64.2550, 0.3468,
0.3076

 53.1206, 0.3664,
0.2983

 77.4281, 0.3307,
0.3167

 43.9138, 0.3899,
0.2894

 92.7262, 0.3176,
0.3254

 36.5260, 0.4177,
0.2815

99.9984, 0.3127,
0.3290

 30.8343, 0.4493,
0.2759

■ 26.7005, 0.4836,
0.2738

■ 23.9641, 0.5184,
0.2763

■ 22.4292, 0.5506,
0.2839

■ 21.9350, 0.5671,
0.2898

Harmonies

Analogous

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



64.2550, 0.3153, 0.2877



64.2550, 0.3468, 0.3076



64.2550, 0.3695, 0.3331

Triad

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



64.2550, 0.3468, 0.3076



64.2550, 0.3393, 0.3859



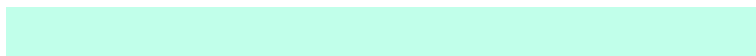
64.2550, 0.2532, 0.2945

Complementary

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



64.2550, 0.3468, 0.3076



88.7950, 0.2875, 0.3516

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.



64.2550, 0.2589, 0.3206



64.2550, 0.3468, 0.3076



64.2550, 0.3077, 0.3759

Square

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



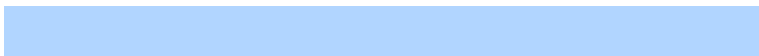
64.2550, 0.3468, 0.3076



64.2550, 0.3646, 0.3788



64.2550, 0.2785, 0.3511



64.2550, 0.2622, 0.2794

Rectangle

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



64.2550, 0.3468, 0.3076



64.2550, 0.3759, 0.3507



64.2550, 0.2785, 0.3511



64.2550, 0.2534, 0.3022

Sweetspot

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



64.2579, 0.3468, 0.3076



88.3979, 0.3209, 0.3231



62.7386, 0.2994, 0.2652



18.7175, 0.3216, 0.3226



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.



64.2579, 0.3468, 0.3076



58.7880, 0.3555, 0.3032



67.4953, 0.3617, 0.3388



18.0885, 0.3241, 0.3210



11.4872, 0.5628, 0.2874



1.1379, 0.5310, 0.2699

Inverse Universe

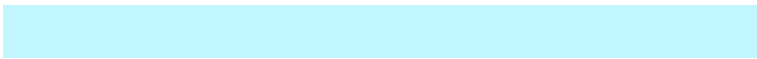
The Inverse Universe completely reimagines the original color for something new.



64.2579, 0.3468, 0.3076



58.7880, 0.3555, 0.3032



84.2843, 0.2759, 0.3190



18.0885, 0.3241, 0.3210



11.4872, 0.5628, 0.2874



1.1379, 0.5310, 0.2699

Previews

White Background



This preview shows how the Yxy color 64.2550, 0.3468, 0.3076 looks on a white background.

Color Contrast Check

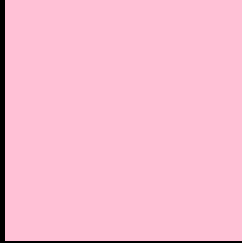
Large Text (above 18pt) WCAG AA × Fail

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 64.2550, 0.3468, 0.3076 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 64.2550, 0.3468, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 64.2550, 0.3468, 0.3076.



This preview shows how white text looks on a background with the Yxy color 64.2550, 0.3468, 0.3076.

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

64.2550, 0.3468, 0.3076

Protanopia

64.6303, 0.3039, 0.3133

Deuteranopia

64.1234, 0.3263, 0.3192



Tritanopia

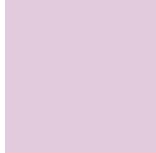
64.2579, 0.3498, 0.3136

Trichromacy



Original Color

64.2550, 0.3468, 0.3076



Protanomaly

64.0479, 0.3182, 0.3105



Deuteranomaly

63.8281, 0.3331, 0.3141



Tritanomaly

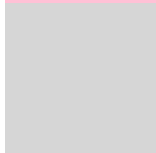
64.3576, 0.3482, 0.3116

Monochromacy



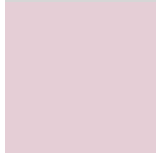
Original Color

64.2550, 0.3468, 0.3076



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6557, 0.3246, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2550, 0.3468, 0.3076 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 214) }
```

Border

The CSS property to change the border of an element to Yxy 64.2550, 0.3468, 0.3076 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, 214) }
```

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

```
.border{ border-color:rgb(255, 193, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2550, 0.3468, 0.3076 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
193, 214) }
```

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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