

Converting Colors

$Y_{xy}(100.0000, 0.4489, 0.3150)$

Have a look what the booklet for
Yxy(100.0000, 0.4489, 0.3150)
contains.

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Color

Yxy(63.7634, 0.3478, 0.3076)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC0D5 |
| RGB | 255, 192, 213 |
| RGB Percent | 100%, 75%, 84% |
| CMY | 0.0000, 0.2470, 0.1648 |
| CMYK | 0.00, 0.25, 0.16, 0.00 |
| HSL | 340°, 100%, 88% |
| HSV | 340°, 25%, 100% |
| XYZ | 72.0966, 63.7634, 71.4332 |
| YIQ | 213.2310, 30.8070, 19.8870 |

Conversions

Conversions Part 2

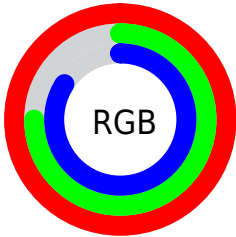
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 192, 213 |
| Decimal | 16761045 |
| CIE Lab | 83.84, 25.64, -1.64 |
| CIE LCh | 84, 25.694, 356.336 |
| Yxy | 63.7634, 0.3478, 0.3076 |
| Android (android.graphics.Color) | 4294951125 (0xFFFFC0D5) |
| YUV | 213.2310, -0.1139, 36.6314 |
| Hunter-Lab | 79.8520, 21.4227, 2.8573 |

Details

The Yxy color $63.7634, 0.3478, 0.3076$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.6709, 0.2869, 0.3516$, and the grayscale version is $66.6877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $32.5159, 0.3565, 0.3027$ is the 20% darker color. If you saturate the color by 10%, you get $52.7012, 0.3677, 0.2985$, and if you desaturate by 10%, it is $76.8610, 0.3314, 0.3166$.

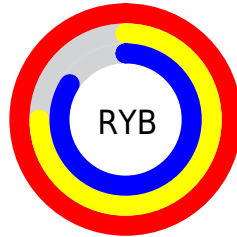
Distribution



Red (100%)

Green (75%)

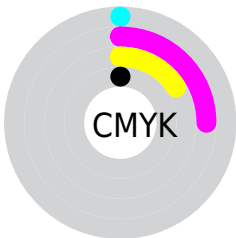
Blue (84%)



Red (100%)

Yellow (75%)

Blue (84%)

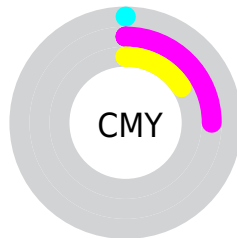


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7634, 0.3478, 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 63.7634, 0.3478, 0.3076 by changing the saturation by 10% instead.

 63.7634, 0.3478,
0.3076

 63.7634, 0.3478,
0.3076

438.3347, 0.3312,
0.3177

 46.4591, 0.3517,
0.3053

 110.2701, 0.3420,
0.3111

 32.6082, 0.3565,
0.3024


140.2413, 0.3397,
0.3125

 21.8265, 0.3627,
0.2986


175.2036, 0.3378,
0.3137

 13.7295, 0.3710,
0.2937

215.5413, 0.3361,
0.3147

 7.9327, 0.3825,
0.2869

261.6389, 0.3347,
0.3156

 4.0519, 0.3995,
0.2769


313.8807, 0.3334,

 1.7027, 0.4274,

0.3163


0.2607


372.6512, 0.3322,
0.3170


 0.4254, 0.5101,
0.2077

 0.0000, 0.0000,
0.0000

 63.7634, 0.3478,
0.3076


 63.7634, 0.3478,
0.3076

 52.7012, 0.3677,
0.2985


 76.8610, 0.3314,
0.3166

 43.5644, 0.3917,
0.2897

 92.0823, 0.3181,
0.3252

 36.2435, 0.4199,
0.2821

100.0000, 0.3127,
0.3290

 30.6150, 0.4519,
0.2767

■ 26.5398, 0.4867,
0.2749

■ 23.8563, 0.5217,
0.2776

■ 22.3664, 0.5540,
0.2855

■ 21.9131, 0.5693,
0.2910

Harmonies

Analogous

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



63.7634, 0.3158, 0.2872



63.7634, 0.3478, 0.3076



63.7634, 0.3707, 0.3336

Triad

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



63.7634, 0.3478, 0.3076



63.7634, 0.3393, 0.3869



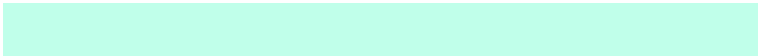
63.7634, 0.2522, 0.2936

Complementary

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



63.7634, 0.3478, 0.3076



88.6709, 0.2869, 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.



63.7634, 0.2578, 0.3199



63.7634, 0.3478, 0.3076



63.7634, 0.3071, 0.3765

Square

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



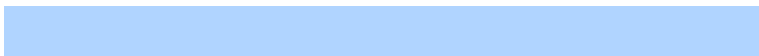
63.7634, 0.3478, 0.3076



63.7634, 0.3652, 0.3799



63.7634, 0.2775, 0.3511



63.7634, 0.2617, 0.2785

Rectangle

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



63.7634, 0.3478, 0.3076



63.7634, 0.3770, 0.3514



63.7634, 0.2775, 0.3511



63.7634, 0.2524, 0.3013

Sweetspot

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



63.7658, 0.3478, 0.3076



88.3916, 0.3209, 0.3232



62.4165, 0.2999, 0.2643



18.7161, 0.3217, 0.3227



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.



63.7658, 0.3478, 0.3076



57.6573, 0.3579, 0.3028



67.5461, 0.3624, 0.3400



18.0867, 0.3242, 0.3211



11.4747, 0.5649, 0.2886



1.1365, 0.5331, 0.2711

Inverse Universe

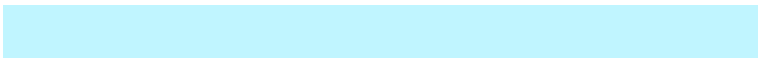
The Inverse Universe completely reimagines the original color for something new.



63.7658, 0.3478, 0.3076



57.6573, 0.3579, 0.3028



83.4314, 0.2753, 0.3177



18.0867, 0.3242, 0.3211



11.4747, 0.5649, 0.2886



1.1365, 0.5331, 0.2711

Previews

White Background



This preview shows how the Yxy color 63.7634, 0.3478, 0.3076 looks on a white background.

Color Contrast Check

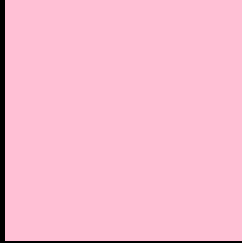
Large Text (above 18pt) WCAG AA × Fail

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 63.7634, 0.3478, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

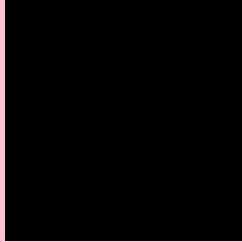
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7634, 0.3478, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 63.7634, 0.3478, 0.3076.



This preview shows how white text looks on a background with the Yxy color 63.7634, 0.3478, 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

63.7634, 0.3478, 0.3076

Protanopia

63.9948, 0.3032, 0.3121

Deuteranopia

64.0730, 0.3271, 0.3203



Tritanopia

63.7648, 0.3508, 0.3136

Trichromacy



Original Color

63.7634, 0.3478, 0.3076

Protanomaly

63.5243, 0.3190, 0.3104

Deuteranomaly

63.7775, 0.3339, 0.3151

Tritanomaly

63.8639, 0.3492, 0.3116

Monochromacy



Original Color

63.7634, 0.3478, 0.3076

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

64.9607, 0.3246, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7634, 0.3478, 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, 192, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.7634, 0.3478, 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, 192, 213) }
```

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

```
.border{ border-color:rgb(255, 192, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7634, 0.3478, 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, 192, 213) }
```

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

```
.background{ background-color: rgb(255,  
192, 213) }
```

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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