

Converting Colors

Yxy(63.6124, 0.3502, 0.3106)

Have a look what the booklet for
Yxy(63.6124, 0.3502, 0.3106)
contains.

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Color

Yxy(63.6124, 0.3502, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0D2
RGB	255, 192, 210
RGB Percent	100%, 75%, 82%
CMY	0.0000, 0.2470, 0.1765
CMYK	0.00, 0.25, 0.18, 0.00
HSL	343°, 100%, 88%
HSV	343°, 25%, 100%
XYZ	71.7227, 63.6124, 69.4698
YIQ	212.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

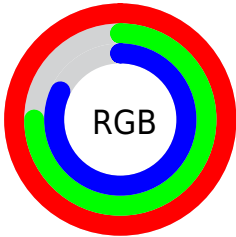
Format	Color
R _Y B	255, 192, 210
Decimal	16761042
CIE Lab	83.76, 25.19, -0.17
CIE LCh	84, 25.193, 359.611
Yxy	63.6124, 0.3502, 0.3106
Android (android.graphics.Color)	4294951122 (0xFFFFC0D2)
YUV	212.8890, -1.4243, 36.9313
Hunter-Lab	79.7574, 20.9426, 4.1877

Details

The Yxy color **63.6124, 0.3502, 0.3106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.8420, 0.2854, 0.3483**, and the grayscale version is **66.4567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **32.4476, 0.3587, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **52.5129, 0.3716, 0.3027**, and if you desaturate by 10%, it is **76.7603, 0.3327, 0.3183**.

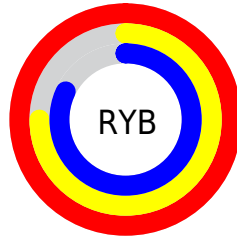
Distribution



Red (100%)

Green (75%)

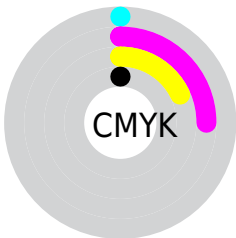
Blue (82%)



Red (100%)

Yellow (75%)

Blue (82%)

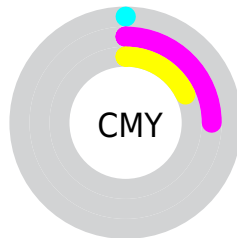


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6124, 0.3502, 0.3106 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 63.6124, 0.3502, 0.3106 by changing the saturation by 10% instead.


 63.6124, 0.3502,
0.3106

 63.6124, 0.3502,
0.3106


437.7886, 0.3324,
0.3193

 46.3368, 0.3544,
0.3086


 110.0525, 0.3439,
0.3137

 32.5117, 0.3596,
0.3060


139.9859, 0.3415,
0.3149

 21.7526, 0.3663,
0.3027


174.9073, 0.3395,
0.3159

 13.6753, 0.3752,
0.2984

215.2011, 0.3377,
0.3167

 7.8951, 0.3876,
0.2923

261.2517, 0.3361,
0.3175

 4.0279, 0.4062,
0.2832


313.4436, 0.3348,

 1.6892, 0.4367,

0.3182


0.2683


372.1611, 0.3335,
0.3188

 0.4166, 0.5368,
0.2187

 0.0000, 0.0000,
0.0000


 63.6124, 0.3502,
0.3106


 63.6124, 0.3502,
0.3106

 52.5129, 0.3716,
0.3027


 76.7603, 0.3327,
0.3183

 43.3506, 0.3975,
0.2952

 92.0450, 0.3184,
0.3257

 36.0155, 0.4280,
0.2888

100.0000, 0.3127,
0.3290

 30.3833, 0.4628,
0.2845

■ 26.3141, 0.5003,
0.2836

■ 23.6452, 0.5376,
0.2869

■ 22.1776, 0.5708,
0.2949

■ 21.7389, 0.5861,
0.3002

Harmonies

Analogous

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



63.6124, 0.3193, 0.2898



63.6124, 0.3502, 0.3106



63.6124, 0.3712, 0.3364

Triad

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



63.6124, 0.3502, 0.3106



63.6124, 0.3355, 0.3855



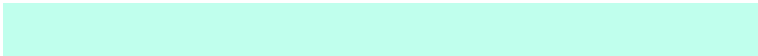
63.6124, 0.2536, 0.2920

Complementary

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



63.6124, 0.3502, 0.3106



88.8420, 0.2854, 0.3483

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.



63.6124, 0.2575, 0.3169



63.6124, 0.3502, 0.3106



63.6124, 0.3038, 0.3734

Square

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



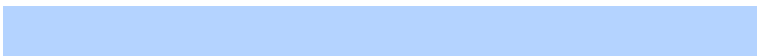
63.6124, 0.3502, 0.3106



63.6124, 0.3620, 0.3804



63.6124, 0.2755, 0.3474



63.6124, 0.2644, 0.2785

Rectangle

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



63.6124, 0.3502, 0.3106



63.6124, 0.3760, 0.3538



63.6124, 0.2755, 0.3474



63.6124, 0.2533, 0.2993

Sweetspot

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



63.6149, 0.3502, 0.3106



88.3410, 0.3215, 0.3241



62.7721, 0.3015, 0.2646



18.7044, 0.3223, 0.3236



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.



63.6149, 0.3502, 0.3106



57.4867, 0.3610, 0.3064



68.5397, 0.3619, 0.3422



18.0724, 0.3249, 0.3222



11.3811, 0.5819, 0.2979



1.1260, 0.5499, 0.2803

Inverse Universe

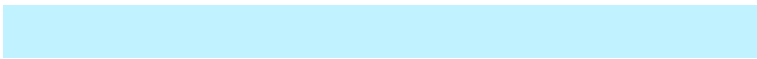
The Inverse Universe completely reimagines the original color for something new.



63.6149, 0.3502, 0.3106



57.4867, 0.3610, 0.3064



82.1705, 0.2751, 0.3154



18.0724, 0.3249, 0.3222



11.3811, 0.5819, 0.2979



1.1260, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 63.6124, 0.3502, 0.3106 looks on a white background.

Color Contrast Check

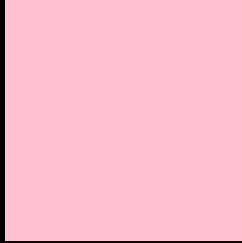
Large Text (above 18pt) WCAG AA × Fail

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 63.6124, 0.3502, 0.3106 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 63.6124, 0.3502, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 63.6124, 0.3502, 0.3106.



This preview shows how white text looks on a background with the Yxy color 63.6124, 0.3502, 0.3106.

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

63.6124, 0.3502, 0.3106

Protanopia

63.9279, 0.3066, 0.3166

Deuteranopia

63.6181, 0.3302, 0.3225



Tritanopia

63.4643, 0.3526, 0.3137

Trichromacy



Original Color

63.6124, 0.3502, 0.3106



Protanomaly

63.3677, 0.3211, 0.3137



Deuteranomaly

63.3423, 0.3371, 0.3173



Tritanomaly

63.5133, 0.3518, 0.3126

Monochromacy



Original Color

63.6124, 0.3502, 0.3106



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.9101, 0.3253, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6124, 0.3502, 0.3106 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.6124, 0.3502, 0.3106 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, 210) }
```

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

```
.border{ border-color:rgb(255, 192, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6124, 0.3502, 0.3106 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
192, 210) }
```

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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