

Converting Colors

Yxy(63.2694, 0.3506, 0.3101)

Have a look what the booklet for
Yxy(63.2694, 0.3506, 0.3101)
contains.

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Color

Yxy(63.1747, 0.3504, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFD2
RGB	255, 191, 210
RGB Percent	100%, 75%, 82%
CMY	0.0000, 0.2509, 0.1766
CMYK	0.00, 0.25, 0.18, 0.00
HSL	342°, 100%, 87%
HSV	342°, 25%, 100%
XYZ	71.5000, 63.1747, 69.3779
YIQ	212.3020, 32.0450, 19.4770

Conversions

Conversions Part 2

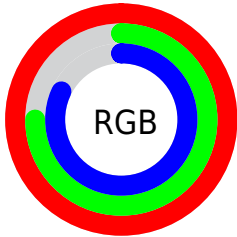
Format	Color
R_{YB}	255, 191, 210
Decimal	16760786
CIE _{Lab}	83.53, 25.71, -0.49
CIE _{LCh}	84, 25.714, 358.907
Yxy	63.1747, 0.3504, 0.3096
Android (android.graphics.Color)	4294950866 (0xFFFFBFD2)
YUV	212.3020, -1.1349, 37.4461
Hunter-Lab	79.4825, 21.4788, 3.8853

Details

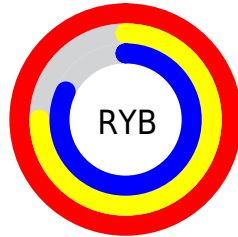
The Yxy color **63.1747, 0.3504, 0.3096** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.6555, 0.2853, 0.3494**, and the grayscale version is **66.0422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **32.1619, 0.3589, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **52.1615, 0.3716, 0.3015**, and if you desaturate by 10%, it is **76.2301, 0.3330, 0.3176**.

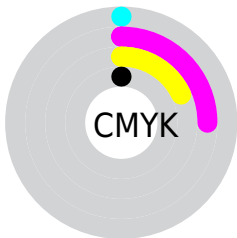
Distribution



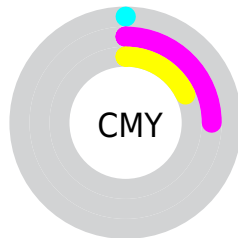
- Red (100%)
- Green (75%)
- Blue (82%)



- 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 63.1747, 0.3504, 0.3096 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 63.1747, 0.3504, 0.3096 by changing the saturation by 10% instead.


 63.1747, 0.3504,
0.3096

 63.1747, 0.3504,
0.3096


436.2032, 0.3325,
0.3188

 45.9826, 0.3546,
0.3074


 109.4215, 0.3441,
0.3128

 32.2321, 0.3598,
0.3048

139.2450, 0.3417,
0.3141

 21.5388, 0.3666,
0.3013

174.0476, 0.3396,
0.3151

 13.5184, 0.3756,
0.2967

214.2139, 0.3378,
0.3161

 7.7865, 0.3881,
0.2903

260.1283, 0.3362,
0.3169

 3.9586, 0.4068,
0.2808


312.1750, 0.3349,

 1.6504, 0.4377,


0.3176


0.2652


370.7385, 0.3336,
0.3182


 0.3913, 0.5424,
0.2102


 0.0000, 0.0000,
0.0000


 63.1747, 0.3504,
0.3096

 63.1747, 0.3504,
0.3096

 52.1615, 0.3716,
0.3015


 76.2301, 0.3330,
0.3176

 43.0782, 0.3973,
0.2937

 91.4153, 0.3189,
0.3253

 35.8149, 0.4274,
0.2871

99.9998, 0.3127,
0.3290

 30.2469, 0.4618,
0.2826

■ 26.2338, 0.4987,
0.2816

■ 23.6121, 0.5354,
0.2851

■ 22.1811, 0.5683,
0.2932

■ 21.7755, 0.5824,
0.2982

Harmonies

Analogous

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



63.1747, 0.3186, 0.2885



63.1747, 0.3504, 0.3096



63.1747, 0.3722, 0.3359

Triad

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



63.1747, 0.3504, 0.3096



63.1747, 0.3367, 0.3869



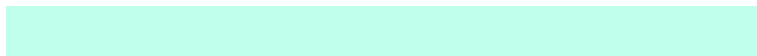
63.1747, 0.2522, 0.2916

Complementary

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



63.1747, 0.3504, 0.3096



88.6555, 0.2853, 0.3494

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.



63.1747, 0.2566, 0.3173



63.1747, 0.3504, 0.3096



63.1747, 0.3043, 0.3750

Square

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



63.1747, 0.3504, 0.3096



63.1747, 0.3636, 0.3813



63.1747, 0.2752, 0.3485



63.1747, 0.2629, 0.2776

Rectangle

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



63.1747, 0.3504, 0.3096



63.1747, 0.3775, 0.3537



63.1747, 0.2752, 0.3485



63.1747, 0.2520, 0.2991

Sweetspot

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



63.1776, 0.3504, 0.3096



86.7775, 0.3227, 0.3231



62.2851, 0.3013, 0.2635



18.0756, 0.3247, 0.3220



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.



63.1776, 0.3504, 0.3096



57.5250, 0.3603, 0.3056



68.1164, 0.3629, 0.3424



18.0756, 0.3247, 0.3220



11.4009, 0.5782, 0.2959



1.1283, 0.5461, 0.2782

Inverse Universe

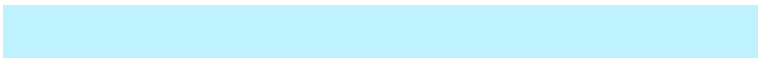
The Inverse Universe completely reimagines the original color for something new.



63.1776, 0.3504, 0.3096



57.5250, 0.3603, 0.3056



81.9218, 0.2745, 0.3152



18.0756, 0.3247, 0.3220



11.4009, 0.5782, 0.2959



1.1283, 0.5461, 0.2782

Previews

White Background



This preview shows how the Yxy color 63.1747, 0.3504, 0.3096 looks on a white background.

Color Contrast Check

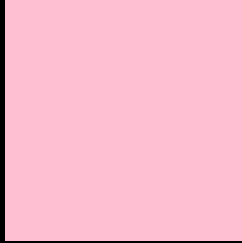
Large Text (above 18pt) WCAG AA × Fail

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 63.1747, 0.3504, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

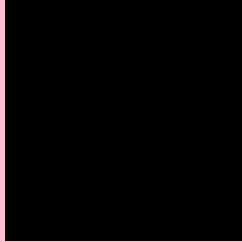
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1747, 0.3504, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 63.1747, 0.3504, 0.3096.



This preview shows how white text looks on a background with the Yxy color 63.1747, 0.3504, 0.3096.

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

63.1747, 0.3504, 0.3096

Protanopia

63.3483, 0.3052, 0.3143

Deuteranopia

63.4531, 0.3294, 0.3225



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.1747, 0.3504, 0.3096

Protanomaly

62.8999, 0.3212, 0.3126

Deuteranomaly

63.1688, 0.3363, 0.3172

Tritanomaly

63.4643, 0.3526, 0.3137

Monochromacy



Original Color

63.1747, 0.3504, 0.3096

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3829, 0.3262, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1747, 0.3504, 0.3096 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, 191, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 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, 191, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.1747, 0.3504, 0.3096 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, 191, 210) }
```

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

```
.border{ border-color:rgb(255, 191, 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, 191, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1747, 0.3504, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 210) }
```

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

```
.background{ background-color: rgb(255,  
191, 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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