

Converting Colors

Yxy(63.4909, 0.3469, 0.3055)

Have a look what the booklet for
Yxy(63.4909, 0.3469, 0.3055)
contains.

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Color

Yxy(63.3766, 0.3471, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFD6
RGB	255, 191, 214
RGB Percent	100%, 75%, 84%
CMY	0.0001, 0.2509, 0.1607
CMYK	0.00, 0.25, 0.16, 0.00
HSL	338°, 100%, 87%
HSV	338°, 25%, 100%
XYZ	72.0066, 63.3766, 72.0688
YIQ	212.7580, 30.7610, 20.7210

Conversions

Conversions Part 2

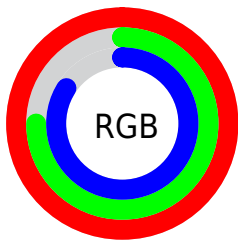
Format	Color
R _Y B	255, 191, 214
Decimal	16760790
CIE Lab	83.64, 26.32, -2.50
CIE LCh	84, 26.443, 354.565
Yxy	63.3766, 0.3471, 0.3055
Android (android.graphics.Color)	4294950870 (0xFFFFBFD6)
YUV	212.7580, 0.6123, 37.0462
Hunter-Lab	79.6094, 22.1365, 2.0525

Details

The Yxy color $63.3766, 0.3471, 0.3055$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.4143, 0.2874, 0.3539$, and the grayscale version is $66.3519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $32.2648, 0.3556, 0.3001$ is the 20% darker color. If you saturate the color by 10%, you get $52.4156, 0.3663, 0.2956$, and if you desaturate by 10%, it is $76.3630, 0.3313, 0.3152$.

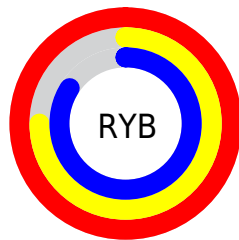
Distribution



Red (100%)

Green (75%)

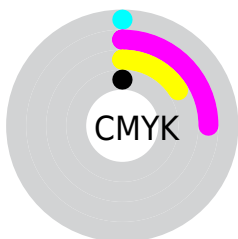
Blue (84%)



Red (100%)

Yellow (75%)

Blue (84%)

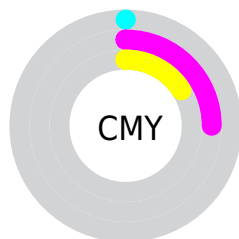


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3766, 0.3471, 0.3055 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 63.3766, 0.3471, 0.3055 by changing the saturation by 10% instead.


 63.3766, 0.3471,
0.3055

 63.3766, 0.3471,
0.3055

436.9350, 0.3309,
0.3165

 46.1459, 0.3509,
0.3029

 109.7126, 0.3414,
0.3094

 32.3610, 0.3556,
0.2998


139.5868, 0.3392,
0.3108

 21.6374, 0.3617,
0.2957


174.4443, 0.3373,
0.3121

 13.5907, 0.3698,
0.2904

214.6695, 0.3357,
0.3132

 7.8365, 0.3810,
0.2830

260.6467, 0.3342,
0.3142

 3.9905, 0.3976,
0.2722


312.7605, 0.3330,


 1.6683, 0.4249,


0.3151

0.2548


371.3951, 0.3319,
0.3158


 0.4030, 0.5055,
0.1960

 0.0000, 0.0000,
0.0000


 63.3766, 0.3471,
0.3055

 63.3766, 0.3471,
0.3055

 52.4156, 0.3663,
0.2956


 76.3630, 0.3313,
0.3152

 43.3685, 0.3893,
0.2862

 91.4615, 0.3184,
0.3245

 36.1264, 0.4163,
0.2780

99.9976, 0.3127,
0.3290

 30.5655, 0.4469,
0.2721

■ 26.5464, 0.4801,
0.2698

■ 23.9071, 0.5137,
0.2724

■ 22.4481, 0.5449,
0.2802

■ 22.0252, 0.5589,
0.2852

Harmonies

Analogous

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



63.3766, 0.3138, 0.2851



63.3766, 0.3471, 0.3055



63.3766, 0.3716, 0.3320

Triad

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



63.3766, 0.3471, 0.3055



63.3766, 0.3419, 0.3888



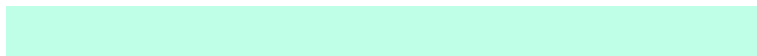
63.3766, 0.2504, 0.2937

Complementary

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



63.3766, 0.3471, 0.3055



88.4143, 0.2874, 0.3539

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.



63.3766, 0.2570, 0.3214



63.3766, 0.3471, 0.3055



63.3766, 0.3089, 0.3792

Square

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



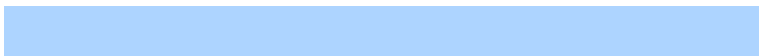
63.3766, 0.3471, 0.3055



63.3766, 0.3680, 0.3805



63.3766, 0.2780, 0.3536



63.3766, 0.2591, 0.2775

Rectangle

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



63.3766, 0.3471, 0.3055



63.3766, 0.3788, 0.3504



63.3766, 0.2780, 0.3536



63.3766, 0.2509, 0.3019

Sweetspot

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



63.3795, 0.3471, 0.3055



86.8549, 0.3219, 0.3219



61.5621, 0.2981, 0.2629



18.0950, 0.3237, 0.3205



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.



63.3795, 0.3471, 0.3055



57.7571, 0.3561, 0.3007



66.1154, 0.3639, 0.3380



18.0950, 0.3237, 0.3205



11.5358, 0.5546, 0.2829



1.1432, 0.5232, 0.2656

Inverse Universe

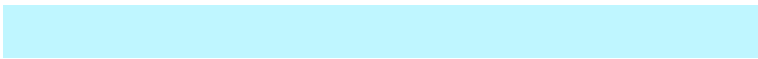
The Inverse Universe completely reimagines the original color for something new.



63.3795, 0.3471, 0.3055



57.7571, 0.3561, 0.3007



84.4866, 0.2749, 0.3198



18.0950, 0.3237, 0.3205



11.5358, 0.5546, 0.2829



1.1432, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 63.3766, 0.3471, 0.3055 looks on a white background.

Color Contrast Check

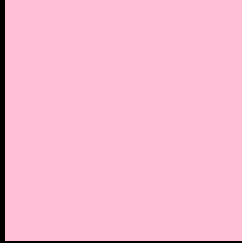
Large Text (above 18pt) WCAG AA × Fail

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 63.3766, 0.3471, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

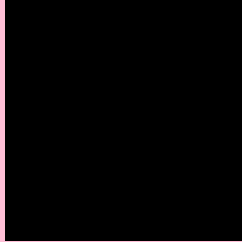
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3766, 0.3471, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 63.3766, 0.3471, 0.3055.



This preview shows how white text looks on a background with the Yxy color 63.3766, 0.3471, 0.3055.

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

63.3766, 0.3471, 0.3055

Protanopia

63.9035, 0.3018, 0.3109

Deuteranopia

63.3254, 0.3249, 0.3180



Tritanopia

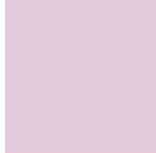
63.2751, 0.3518, 0.3136

Trichromacy



Original Color

63.3766, 0.3471, 0.3055



Protanomaly

63.4159, 0.3175, 0.3093



Deuteranomaly

63.1968, 0.3324, 0.3130



Tritanomaly

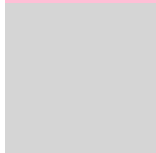
63.4232, 0.3494, 0.3105

Monochromacy



Original Color

63.3766, 0.3471, 0.3055



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 63.3766, 0.3471, 0.3055 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 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, 191, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 214) }
```

Border

The CSS property to change the border of an element to Yxy 63.3766, 0.3471, 0.3055 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, 214) }
```

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

```
.border{ border-color:rgb(255, 191, 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, 191, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3766, 0.3471, 0.3055 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, 214) }
```

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

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