

Converting Colors

$Y_{xy}(65.9782, 0.3428, 0.3067)$

Have a look what the booklet for
Yxy(65.9782, 0.3428, 0.3067)
contains.

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Color

Yxy(65.8018, 0.3431, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4DA
RGB	255, 196, 218
RGB Percent	100%, 77%, 85%
CMY	0.0001, 0.2313, 0.1449
CMYK	0.00, 0.23, 0.14, 0.00
HSL	338°, 100%, 88%
HSV	338°, 23%, 100%
XYZ	73.6353, 65.8018, 75.1806
YIQ	216.1490, 28.1020, 19.3500

Conversions

Conversions Part 2

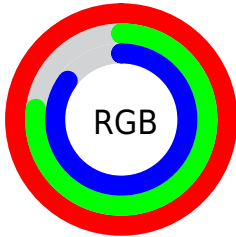
Format	Color
R_{YB}	255, 196, 218
Decimal	16762074
CIE _{Lab}	84.90, 24.33, -2.81
CIE _{LCh}	85, 24.487, 353.401
Yxy	65.8018, 0.3431, 0.3066
Android (android.graphics.Color)	4294952154 (0xFFFFC4DA)
YUV	216.1490, 0.9125, 34.0723
Hunter-Lab	81.1183, 20.0768, 1.8327

Details

The Yxy color **65.8018, 0.3431, 0.3066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.1277, 0.2897, 0.3526**, and the grayscale version is **68.7582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.9961, 0.3511, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **54.4657, 0.3612, 0.2964**, and if you desaturate by 10%, it is **79.1791, 0.3282, 0.3166**.

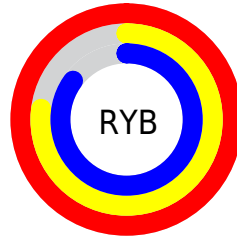
Distribution



Red (100%)

Green (77%)

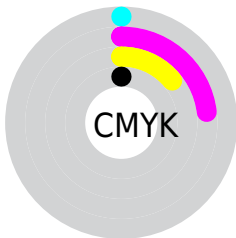
Blue (85%)



Red (100%)

Yellow (77%)

Blue (85%)

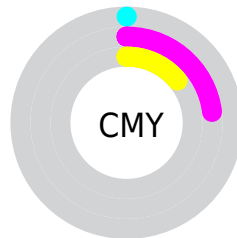


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8018, 0.3431, 0.3066 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 65.8018, 0.3431, 0.3066 by changing the saturation by 10% instead.


 65.8018, 0.3431,
0.3066

 65.8018, 0.3431,
0.3066

445.6677, 0.3288,
0.3170

 48.1115, 0.3464,
0.3042


 113.2018, 0.3381,
0.3102

 33.9152, 0.3505,
0.3012


143.6803, 0.3362,
0.3116

 22.8285, 0.3558,
0.2975

179.1904, 0.3345,
0.3128

 14.4669, 0.3627,
0.2925

220.1164, 0.3331,
0.3139

 8.4461, 0.3723,
0.2857

266.8428, 0.3318,
0.3148

 4.3817, 0.3864,
0.2758

319.7538, 0.3307,

 1.8893, 0.4091,

0.3156

0.2602

379.2340, 0.3297,
0.3164

0.5419, 0.4614,
0.2197

0.0000, 1.0000,
0.0000

65.8018, 0.3431,
0.3066

65.8018, 0.3431,
0.3066

54.4657, 0.3612,
0.2964

79.1791, 0.3282,
0.3166

45.0608, 0.3829,
0.2864

94.6828, 0.3160,
0.3262

37.4804, 0.4084,
0.2775

99.9973, 0.3127,
0.3290

31.6036, 0.4376,
0.2707

■ 27.2947, 0.4695,
0.2674

■ 24.3969, 0.5024,
0.2687

■ 22.7203, 0.5337,
0.2752

■ 22.0887, 0.5533,
0.2822

Harmonies

Analogous

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



65.8018, 0.3126, 0.2880



65.8018, 0.3431, 0.3066



65.8018, 0.3659, 0.3309

Triad

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



65.8018, 0.3431, 0.3066



65.8018, 0.3407, 0.3836



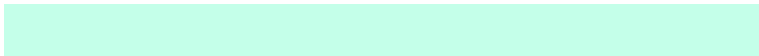
65.8018, 0.2554, 0.2977

Complementary

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



65.8018, 0.3431, 0.3066



89.1277, 0.2897, 0.3526

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.



65.8018, 0.2621, 0.3234



65.8018, 0.3431, 0.3066



65.8018, 0.3105, 0.3753

Square

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



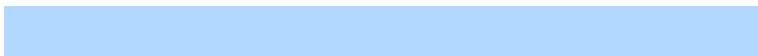
65.8018, 0.3431, 0.3066



65.8018, 0.3640, 0.3757



65.8018, 0.2819, 0.3525



65.8018, 0.2630, 0.2821

Rectangle

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



65.8018, 0.3431, 0.3066



65.8018, 0.3729, 0.3479



65.8018, 0.2819, 0.3525



65.8018, 0.2561, 0.3054

Sweetspot

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



65.8048, 0.3431, 0.3066



88.4360, 0.3205, 0.3225



63.9212, 0.2988, 0.2682



18.7263, 0.3212, 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.



65.8048, 0.3431, 0.3066



60.0422, 0.3515, 0.3016



67.9021, 0.3592, 0.3362



18.0993, 0.3235, 0.3201



11.5698, 0.5490, 0.2798



1.1468, 0.5181, 0.2628

Inverse Universe

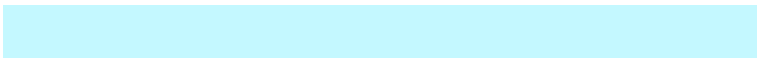
The Inverse Universe completely reimagines the original color for something new.



65.8048, 0.3431, 0.3066



60.0422, 0.3515, 0.3016



86.1551, 0.2778, 0.3216



18.0993, 0.3235, 0.3201



11.5698, 0.5490, 0.2798



1.1468, 0.5181, 0.2628

Previews

White Background



This preview shows how the Yxy color 65.8018, 0.3431, 0.3066 looks on a white background.

Color Contrast Check

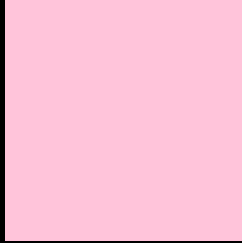
Large Text (above 18pt) WCAG AA × Fail

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 65.8018, 0.3431, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

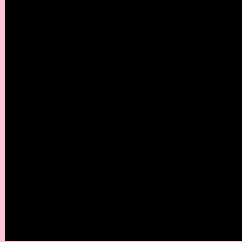
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8018, 0.3431, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 65.8018, 0.3431, 0.3066.



This preview shows how white text looks on a background with the Yxy color 65.8018, 0.3431, 0.3066.

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

65.8018, 0.3431, 0.3066

Protanopia

66.1316, 0.3027, 0.3112

Deuteranopia

66.0894, 0.3246, 0.3182



Tritanopia

65.7568, 0.3469, 0.3137

Trichromacy



Original Color

65.8018, 0.3431, 0.3066

Protanomaly

66.0184, 0.3166, 0.3096

Deuteranomaly

65.7761, 0.3313, 0.3132

Tritanomaly

65.8584, 0.3453, 0.3117

Monochromacy



Original Color

65.8018, 0.3431, 0.3066

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.4337, 0.3229, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8018, 0.3431, 0.3066 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, 196, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 218)  
}
```

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, 196, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 218) }
```

Border

The CSS property to change the border of an element to Yxy 65.8018, 0.3431, 0.3066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

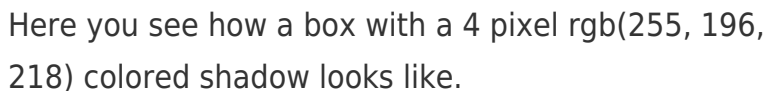
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 196, 218) }
```

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

```
.border{ border-color:rgb(255, 196, 218) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 196, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8018, 0.3431, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 218) }
```

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

```
.background{ background-color: rgb(255,  
196, 218) }
```

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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