

Converting Colors

$Y_{xy}(68.2965, 0.3503, 0.3242)$

Have a look what the booklet for
Yxy(68.2965, 0.3503, 0.3242)
contains.

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Color

Yxy(68.4769, 0.3506, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBCF
RGB	255, 203, 207
RGB Percent	100%, 80%, 81%
CMY	0.0000, 0.2040, 0.1883
CMYK	0.00, 0.20, 0.19, 0.00
HSL	355°, 100%, 90%
HSV	355°, 20%, 100%
XYZ	73.8708, 68.4769, 68.3505
YIQ	219.0040, 29.7080, 12.2680

Conversions

Conversions Part 2

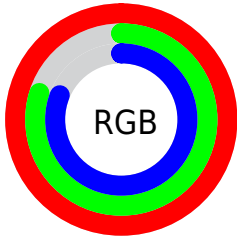
Format	Color
R_{YB}	255, 203, 207
Decimal	16763855
CIE _{Lab}	86.24, 19.00, 5.04
CIE _{LCh}	86, 19.655, 14.846
Yxy	68.4769, 0.3506, 0.3250
Android (android.graphics.Color)	4294953935 (0xFFFFCBCF)
YUV	219.0040, -5.9180, 31.5685
Hunter-Lab	82.7508, 14.5313, 8.9532

Details

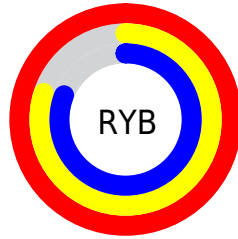
The Yxy color **68.4769, 0.3506, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.1795, 0.2842, 0.3331**, and the grayscale version is **70.8610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8006, 0.3599, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **56.3353, 0.3763, 0.3229**, and if you desaturate by 10%, it is **82.7586, 0.3299, 0.3270**.

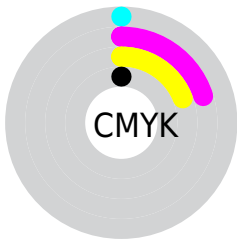
Distribution



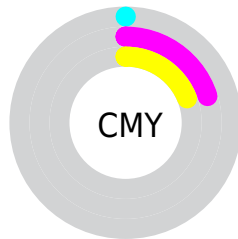
- Red (100%)
- Green (80%)
- Blue (81%)



- Red (100%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4769, 0.3506, 0.3250 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 68.4769, 0.3506, 0.3250 by changing the saturation by 10% instead.

 68.4769, 0.3506,
0.3250

 68.4769, 0.3506,
0.3250


455.1838, 0.3328,
0.3271

 50.2858, 0.3548,
0.3245


117.0341, 0.3443,
0.3258

 35.6405, 0.3599,
0.3238


148.1690, 0.3419,
0.3261

 24.1567, 0.3665,
0.3229


184.3874, 0.3399,
0.3263

 15.4499, 0.3753,
0.3216

226.0735, 0.3381,
0.3265

 9.1358, 0.3874,
0.3197

273.6118, 0.3365,
0.3267

 4.8298, 0.4053,
0.3166


327.3867, 0.3351,


 2.1478, 0.4342,


0.3268


0.3111


387.7826, 0.3339,
0.3270


 0.6913, 0.5136,
0.3080


 0.0000, 1.0000,
0.0000

 68.4769, 0.3506,
0.3250


 68.4769, 0.3506,
0.3250

 56.3353, 0.3763,
0.3229


 82.7586, 0.3299,
0.3270

 46.2478, 0.4081,
0.3209

99.2959, 0.3133,
0.3289

 38.0953, 0.4462,
0.3193

100.0000, 0.3127,
0.3290

 31.7539, 0.4899,
0.3183

■ 27.0851, 0.5363,
0.3185

■ 23.9309, 0.5801,
0.3202

■ 22.1025, 0.6143,
0.3233

■ 21.3092, 0.6339,
0.3266

Harmonies

Analogous

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



68.4769, 0.3303, 0.3062



68.4769, 0.3506, 0.3250



68.4769, 0.3604, 0.3454

Triad

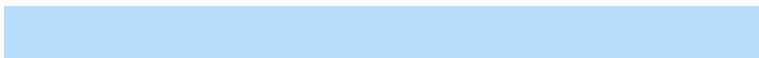
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4769, 0.3506, 0.3250



68.4769, 0.3182, 0.3685



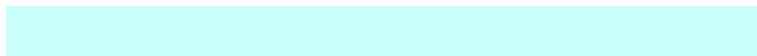
68.4769, 0.2701, 0.2944

Complementary

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



68.4769, 0.3506, 0.3250



91.1795, 0.2842, 0.3331

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.



68.4769, 0.2673, 0.3096



68.4769, 0.3506, 0.3250



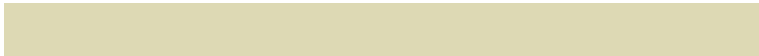
68.4769, 0.2944, 0.3534

Square

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



68.4769, 0.3506, 0.3250



68.4769, 0.3412, 0.3715



68.4769, 0.2760, 0.3314



68.4769, 0.2839, 0.2887

Rectangle

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



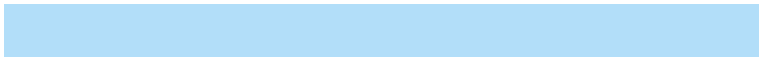
68.4769, 0.3506, 0.3250



68.4769, 0.3595, 0.3575



68.4769, 0.2760, 0.3314



68.4769, 0.2679, 0.2985

Sweetspot

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



68.4708, 0.3506, 0.3250



89.7473, 0.3221, 0.3279



70.3733, 0.3119, 0.2776



18.9815, 0.3232, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

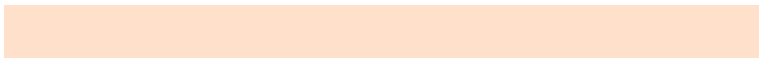
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4708, 0.3506, 0.3250



63.8556, 0.3592, 0.3243



79.2377, 0.3493, 0.3510



18.0098, 0.3282, 0.3272



11.1425, 0.6320, 0.3255



1.0924, 0.6147, 0.3160

Inverse Universe

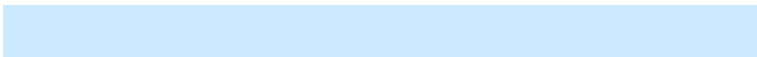
The Inverse Universe completely reimagines the original color for something new.



68.4708, 0.3506, 0.3250



63.8556, 0.3592, 0.3243



78.3787, 0.2806, 0.3059



18.0098, 0.3282, 0.3272



11.1425, 0.6320, 0.3255



1.0924, 0.6147, 0.3160

Previews

White Background



This preview shows how the Yxy color 68.4769, 0.3506, 0.3250 looks on a white background.

Color Contrast Check

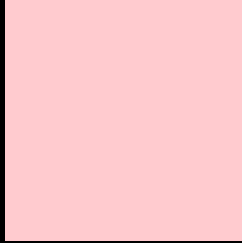
Large Text (above 18pt) WCAG AA × Fail

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 68.4769, 0.3506, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

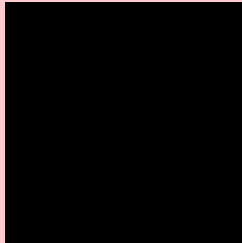
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4769, 0.3506, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 68.4769, 0.3506, 0.3250.



This preview shows how white text looks on a background with the Yxy color 68.4769, 0.3506, 0.3250.

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

68.4769, 0.3506, 0.3250

Protanopia

68.6716, 0.3170, 0.3301

Deuteranopia

68.7579, 0.3393, 0.3323



Tritanopia

68.5108, 0.3430, 0.3138

Trichromacy



Original Color

68.4769, 0.3506, 0.3250

Protanomaly

68.6153, 0.3292, 0.3291

Deuteranomaly

68.6747, 0.3435, 0.3301

Tritanomaly

68.3052, 0.3461, 0.3179

Monochromacy



Original Color

68.4769, 0.3506, 0.3250

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.6506, 0.3254, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4769, 0.3506, 0.3250 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, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 207)  
}
```

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, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 207) }
```

Border

The CSS property to change the border of an element to Yxy 68.4769, 0.3506, 0.3250 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, 203, 207) }
```

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

```
.border{ border-color:rgb(255, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4769, 0.3506, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 207) }
```

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

```
.background{ background-color: rgb(255,  
203, 207) }
```

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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