

Converting Colors

$Yxy(78.5760, 0.3999, 0.3209)$

Have a look what the booklet for
Yxy(78.5760, 0.3999, 0.3209)
contains.

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Color

Yxy(65.1961, 0.3527, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4CE
RGB	255, 196, 206
RGB Percent	100%, 77%, 81%
CMY	0.0000, 0.2314, 0.1921
CMYK	0.00, 0.23, 0.19, 0.00
HSL	350°, 100%, 88%
HSV	350°, 23%, 100%
XYZ	72.1288, 65.1961, 67.1798
YIQ	214.7810, 31.9540, 15.6180

Conversions

Conversions Part 2

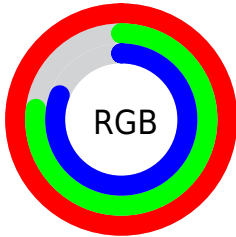
Format	Color
R_{YB}	255, 196, 206
Decimal	16762062
CIE _{Lab}	84.58, 22.51, 3.16
CIE _{LCh}	85, 22.731, 7.986
Yxy	65.1961, 0.3527, 0.3188
Android (android.graphics.Color)	4294952142 (0xFFFFC4CE)
YUV	214.7810, -4.3290, 35.2721
Hunter-Lab	80.7441, 18.1521, 7.1911

Details

The Yxy color **65.1961, 0.3527, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8466, 0.2834, 0.3395**, and the grayscale version is **67.8100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.4833, 0.3620, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **53.6908, 0.3771, 0.3141**, and if you desaturate by 10%, it is **78.7901, 0.3329, 0.3234**.

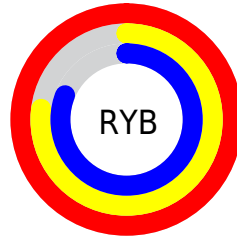
Distribution



Red (100%)

Green (77%)

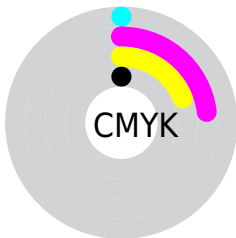
Blue (81%)



Red (100%)

Yellow (77%)

Blue (81%)

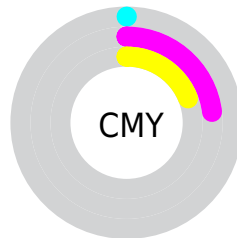


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1961, 0.3527, 0.3188 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 65.1961, 0.3527, 0.3188 by changing the saturation by 10% instead.


 65.1961, 0.3527,
0.3188

 65.1961, 0.3527,
0.3188


443.4963, 0.3337,
0.3238

 47.6201, 0.3571,
0.3176

 112.3317, 0.3460,
0.3206

 33.5261, 0.3627,
0.3161


142.6602, 0.3435,
0.3213

 22.5298, 0.3698,
0.3141


178.0082, 0.3413,
0.3218

 14.2467, 0.3793,
0.3114

218.7603, 0.3394,
0.3223

 8.2925, 0.3926,
0.3076

265.3007, 0.3377,
0.3228

 4.2826, 0.4123,
0.3017

318.0139, 0.3362,

 1.8329, 0.4447,

0.3231

0.2916

377.2843, 0.3349,
0.3235

0.5076, 0.5549,
0.2691

0.0000, 0.0000,
0.0000

65.1961, 0.3527,
0.3188

65.1961, 0.3527,
0.3188

53.6908, 0.3771,
0.3141

78.7901, 0.3329,
0.3234

44.1771, 0.4069,
0.3097

94.5769, 0.3170,
0.3277

36.5393, 0.4423,
0.3060

100.0000, 0.3127,
0.3290

30.6527, 0.4828,
0.3038

■ 26.3772, 0.5258,
0.3039

■ 23.5515, 0.5672,
0.3070

■ 21.9799, 0.6014,
0.3132

■ 21.4365, 0.6187,
0.3182

Harmonies

Analogous

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



65.1961, 0.3268, 0.2982



65.1961, 0.3527, 0.3188



65.1961, 0.3676, 0.3426

Triad

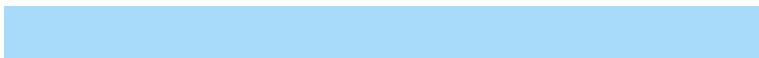
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1961, 0.3527, 0.3188



65.1961, 0.3255, 0.3779



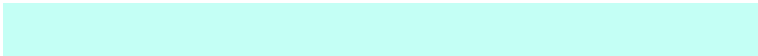
65.1961, 0.2610, 0.2914

Complementary

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



65.1961, 0.3527, 0.3188



89.8466, 0.2834, 0.3395

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.



65.1961, 0.2608, 0.3114



65.1961, 0.3527, 0.3188



65.1961, 0.2971, 0.3630

Square

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



65.1961, 0.3527, 0.3188



65.1961, 0.3512, 0.3777



65.1961, 0.2737, 0.3379



65.1961, 0.2743, 0.2824

Rectangle

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



65.1961, 0.3527, 0.3188



65.1961, 0.3690, 0.3576



65.1961, 0.2737, 0.3379



65.1961, 0.2594, 0.2970

Sweetspot

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



65.1937, 0.3527, 0.3188



88.2172, 0.3228, 0.3261



65.9627, 0.3074, 0.2698



18.6758, 0.3237, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

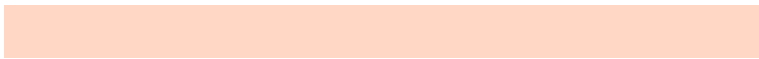
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1937, 0.3527, 0.3188



59.3477, 0.3639, 0.3165



73.6828, 0.3565, 0.3483



18.0374, 0.3268, 0.3250



11.2156, 0.6155, 0.3164



1.1054, 0.5873, 0.3009

Inverse Universe

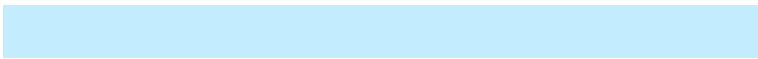
The Inverse Universe completely reimagines the original color for something new.



65.1937, 0.3527, 0.3188



59.3477, 0.3639, 0.3165



79.1272, 0.2768, 0.3089



18.0374, 0.3268, 0.3250



11.2156, 0.6155, 0.3164



1.1054, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 65.1961, 0.3527, 0.3188 looks on a white background.

Color Contrast Check

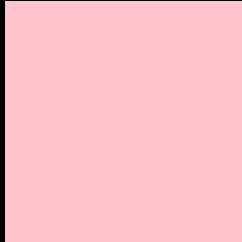
Large Text (above 18pt) WCAG AA × Fail

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 65.1961, 0.3527, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

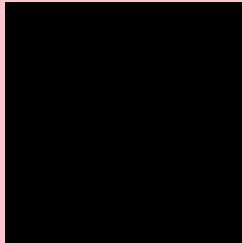
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1961, 0.3527, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 65.1961, 0.3527, 0.3188.

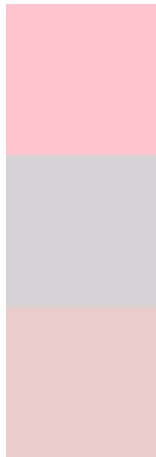


This preview shows how white text looks on a background with the Yxy color 65.1961, 0.3527, 0.3188.

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

65.1961, 0.3527, 0.3188

Protanopia

65.2444, 0.3129, 0.3245

Deuteranopia

65.0378, 0.3361, 0.3291



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.1961, 0.3527, 0.3188

Protanomaly

65.0238, 0.3268, 0.3225

Deuteranomaly

65.0583, 0.3421, 0.3248

Tritanomaly

65.3433, 0.3503, 0.3158

Monochromacy



Original Color

65.1961, 0.3527, 0.3188

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.6882, 0.3266, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1961, 0.3527, 0.3188 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.1961, 0.3527, 0.3188 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, 206) }
```

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

```
.border{ border-color:rgb(255, 196, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1961, 0.3527, 0.3188 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
196, 206) }
```

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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