

Converting Colors

$Y_{xy}(66.0070, 0.3570, 0.3271)$

Have a look what the booklet for
Yxy(66.0070, 0.3570, 0.3271)
contains.

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Color

Yxy(65.8183, 0.3571, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C8
RGB	255, 198, 200
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2235, 0.2158
CMYK	0.00, 0.22, 0.22, 0.00
HSL	358°, 100%, 89%
HSV	358°, 22%, 100%
XYZ	71.8548, 65.8183, 63.5445
YIQ	215.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

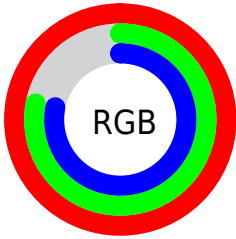
Format	Color
R_{YB}	255, 198, 200
Decimal	16762568
CIE _{Lab}	84.90, 20.56, 6.84
CIE _{LCh}	85, 21.664, 18.394
Y _{xy}	65.8183, 0.3571, 0.3271
Android (android.graphics.Color)	4294952648 (0xFFFFC6C8)
Y _{UV}	215.2710, -7.5286, 34.8423
Hunter-Lab	81.1285, 16.1212, 10.3506

Details

The Yxy color **65.8183, 0.3571, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6166, 0.2804, 0.3310**, and the grayscale version is **68.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8922, 0.3679, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **54.0684, 0.3853, 0.3262**, and if you desaturate by 10%, it is **79.7219, 0.3345, 0.3280**.

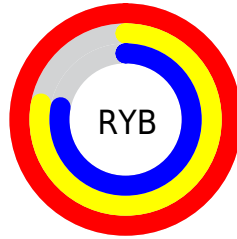
Distribution



Red (100%)

Green (78%)

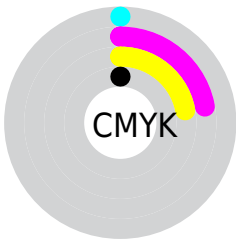
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

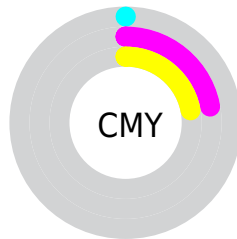


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8183, 0.3571, 0.3271 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 65.8183, 0.3571, 0.3271 by changing the saturation by 10% instead.

 65.8183, 0.3571,
0.3271

 65.8183, 0.3571,
0.3271


445.7268, 0.3360,
0.3283

 48.1249, 0.3620,
0.3267


113.2255, 0.3497,
0.3276

 33.9258, 0.3682,
0.3263


143.7081, 0.3468,
0.3278

 22.8366, 0.3762,
0.3256


179.2226, 0.3444,
0.3279

 14.4729, 0.3867,
0.3245

220.1533, 0.3423,
0.3280

 8.4503, 0.4015,
0.3229

266.8847, 0.3404,
0.3281

 4.3844, 0.4234,
0.3200


319.8012, 0.3388,


 1.8908, 0.4593,

0.3282

0.3142


379.2871, 0.3373,
0.3283


 0.5429, 0.6110,
0.3219


 0.0000, 0.0000,
0.0000

 65.8183, 0.3571,
0.3271


 65.8183, 0.3571,
0.3271

 54.0684, 0.3853,
0.3262

 79.7219, 0.3345,
0.3280

 44.3560, 0.4199,
0.3254

 95.8697, 0.3164,
0.3288

 36.5680, 0.4611,
0.3248

99.9986, 0.3127,
0.3290

 30.5764, 0.5074,
0.3246

■ 26.2378, 0.5548,
0.3250

■ 23.3869, 0.5967,
0.3261

■ 21.8242, 0.6259,
0.3277

■ 21.2779, 0.6376,
0.3286

Harmonies

Analogous

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



65.8183, 0.3354, 0.3059



65.8183, 0.3571, 0.3271



65.8183, 0.3664, 0.3496

Triad

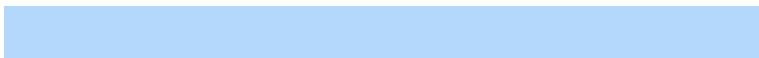
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8183, 0.3571, 0.3271



65.8183, 0.3155, 0.3719



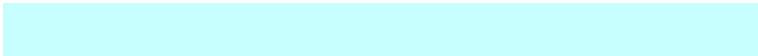
65.8183, 0.2665, 0.2890

Complementary

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



65.8183, 0.3571, 0.3271



90.6166, 0.2804, 0.3310

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.



65.8183, 0.2619, 0.3047



65.8183, 0.3571, 0.3271



65.8183, 0.2894, 0.3537

Square

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



65.8183, 0.3571, 0.3271



65.8183, 0.3416, 0.3769



65.8183, 0.2700, 0.3285



65.8183, 0.2831, 0.2842

Rectangle

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



65.8183, 0.3571, 0.3271



65.8183, 0.3641, 0.3628



65.8183, 0.2700, 0.3285



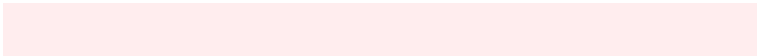
65.8183, 0.2635, 0.2931

Sweetspot

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



65.8213, 0.3571, 0.3271



88.0745, 0.3243, 0.3284



68.3356, 0.3132, 0.2729



18.6429, 0.3254, 0.3284



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.



65.8213, 0.3571, 0.3271



60.0944, 0.3695, 0.3267



78.4616, 0.3530, 0.3552



17.9972, 0.3289, 0.3282



11.1232, 0.6366, 0.3281



1.0864, 0.6284, 0.3235

Inverse Universe

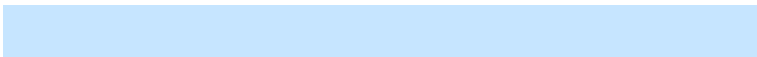
The Inverse Universe completely reimagines the original color for something new.



65.8213, 0.3571, 0.3271



60.0944, 0.3695, 0.3267



75.4603, 0.2774, 0.3013



17.9972, 0.3289, 0.3282



11.1232, 0.6366, 0.3281



1.0864, 0.6284, 0.3235

Previews

White Background



This preview shows how the Yxy color 65.8183, 0.3571, 0.3271 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 65.8183, 0.3571, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

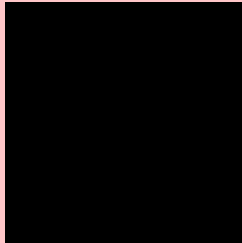
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8183, 0.3571, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 65.8183, 0.3571, 0.3271.



This preview shows how white text looks on a background with the Yxy color 65.8183, 0.3571, 0.3271.

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

65.8183, 0.3571, 0.3271

Protanopia

65.8452, 0.3200, 0.3335

Deuteranopia

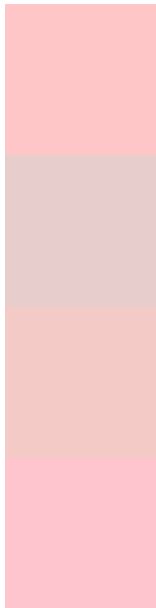
65.9633, 0.3429, 0.3356



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.8183, 0.3571, 0.3271

Protanomaly

65.4912, 0.3334, 0.3312

Deuteranomaly

65.5977, 0.3482, 0.3323

Tritanomaly

65.6975, 0.3517, 0.3188

Monochromacy



Original Color

65.8183, 0.3571, 0.3271

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0771, 0.3279, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8183, 0.3571, 0.3271 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, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 200)  
}
```

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, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 200) }
```

Border

The CSS property to change the border of an element to Yxy 65.8183, 0.3571, 0.3271 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, 198, 200) }
```

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

```
.border{ border-color:rgb(255, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8183, 0.3571, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 200) }
```

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

```
.background{ background-color: rgb(255,  
198, 200) }
```

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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