

Converting Colors

$Y_{xy}(65.6010, 0.3611, 0.3323)$

Have a look what the booklet for
Yxy(65.6010, 0.3611, 0.3323)
contains.

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Color

Yxy(65.5883, 0.3611, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C3
RGB	255, 198, 195
RGB Percent	100%, 78%, 76%
CMY	0.0001, 0.2234, 0.2354
CMYK	0.00, 0.22, 0.24, 0.00
HSL	3°, 100%, 88%
HSV	3°, 24%, 100%
XYZ	71.2728, 65.5883, 60.5157
YIQ	214.7010, 34.9350, 11.1510

Conversions

Conversions Part 2

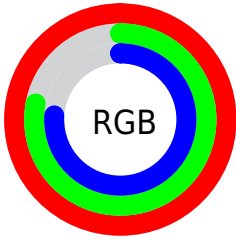
Format	Color
R_{YB}	255, 198, 195
Decimal	16762563
CIE _{Lab}	84.79, 19.83, 9.33
CIE _{LCh}	85, 21.917, 25.200
Yxy	65.5883, 0.3611, 0.3323
Android (android.graphics.Color)	4294952643 (0xFFFFC6C3)
YUV	214.7010, -9.7126, 35.3422
Hunter-Lab	80.9866, 15.3634, 12.3873

Details

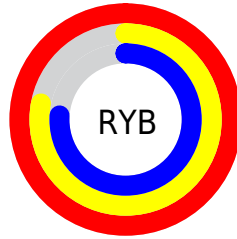
The Yxy color **65.5883, 0.3611, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3848, 0.2776, 0.3257**, and the grayscale version is **67.7911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **33.7399, 0.3733, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **54.3399, 0.3903, 0.3338**, and if you desaturate by 10%, it is **78.8072, 0.3375, 0.3308**.

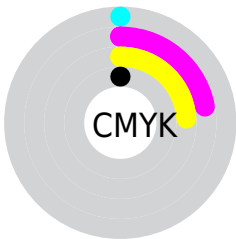
Distribution



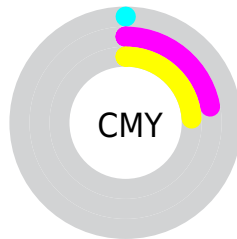
- Red (100%)
- Green (78%)
- Blue (76%)



- Red (100%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5883, 0.3611, 0.3323 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 65.5883, 0.3611, 0.3323 by changing the saturation by 10% instead.


 65.5883, 0.3611,
0.3323

 65.5883, 0.3611,
0.3323


444.9031, 0.3381,
0.3312

 47.9383, 0.3665,
0.3325


112.8952, 0.3530,
0.3320

 33.7780, 0.3733,
0.3326


143.3209, 0.3499,
0.3318

 22.7231, 0.3820,
0.3327


178.7740, 0.3472,
0.3317

 14.3892, 0.3935,
0.3327

219.6387, 0.3449,
0.3316

 8.3918, 0.4097,
0.3323

266.2996, 0.3429,
0.3315

 4.3467, 0.4337,
0.3311

319.1410, 0.3411,

 1.8693, 0.4728,

0.3314

0.3275

378.5474, 0.3395,
0.3313

0.5298, 0.6528,
0.3472

0.0000, 0.0000,
0.0000

65.5883, 0.3611,
0.3323

65.5883, 0.3611,
0.3323

54.3399, 0.3903,
0.3338

78.8072, 0.3375,
0.3308

44.9592, 0.4258,
0.3352

94.0749, 0.3185,
0.3295

37.3477, 0.4676,
0.3364

99.9938, 0.3127,
0.3290

31.3944, 0.5139,
0.3370

■ 26.9757, 0.5606,
0.3367

■ 23.9509, 0.6009,
0.3354

■ 22.1530, 0.6280,
0.3332

■ 21.5408, 0.6376,
0.3320

Harmonies

Analogous

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



65.5883, 0.3415, 0.3101



65.5883, 0.3611, 0.3323



65.5883, 0.3671, 0.3547

Triad

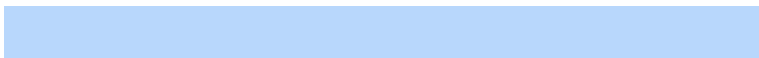
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5883, 0.3611, 0.3323



65.5883, 0.3092, 0.3694



65.5883, 0.2688, 0.2864

Complementary

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



65.5883, 0.3611, 0.3323



88.3848, 0.2776, 0.3257

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.



65.5883, 0.2612, 0.2999



65.5883, 0.3611, 0.3323



65.5883, 0.2838, 0.3486

Square

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



65.5883, 0.3611, 0.3323



65.5883, 0.3364, 0.3777



65.5883, 0.2665, 0.3226



65.5883, 0.2879, 0.2842

Rectangle

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



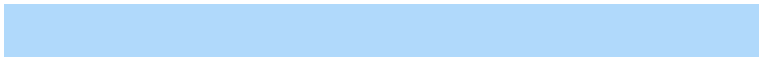
65.5883, 0.3611, 0.3323



65.5883, 0.3625, 0.3670



65.5883, 0.2665, 0.3226



65.5883, 0.2648, 0.2897

Sweetspot

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



65.5913, 0.3611, 0.3323



88.5659, 0.3246, 0.3299



67.2978, 0.3176, 0.2730



18.7561, 0.3257, 0.3300



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.



65.5913, 0.3611, 0.3323



60.3425, 0.3734, 0.3330



80.6628, 0.3542, 0.3625



18.1351, 0.3293, 0.3303



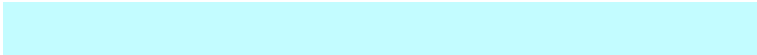
11.3199, 0.6366, 0.3328



1.1520, 0.6283, 0.3393

Inverse Universe

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



88.3848, 0.2776, 0.3257



86.5864, 0.2715, 0.3250



71.0429, 0.2749, 0.2930



20.3137, 0.2980, 0.3277



37.0343, 0.2203, 0.3130



3.6526, 0.2208, 0.3150

Previews

White Background



This preview shows how the Yxy color 65.5883, 0.3611, 0.3323 looks on a white background.

Color Contrast Check

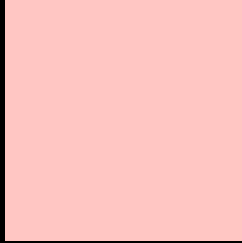
Large Text (above 18pt) WCAG AA × Fail

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 65.5883, 0.3611, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

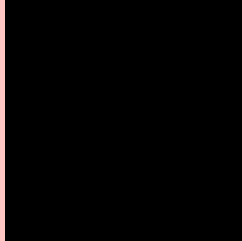
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5883, 0.3611, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 65.5883, 0.3611, 0.3323.



This preview shows how white text looks on a background with the Yxy color 65.5883, 0.3611, 0.3323.

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

65.5883, 0.3611, 0.3323

Protanopia

65.7582, 0.3243, 0.3392

Deuteranopia

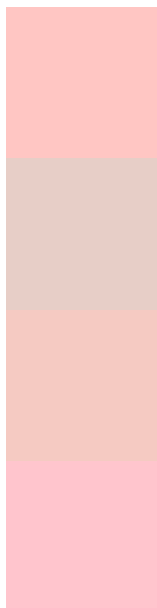
65.4315, 0.3477, 0.3399



Tritanopia

65.4430, 0.3487, 0.3137

Trichromacy



Original Color

65.5883, 0.3611, 0.3323

Protanomaly

65.2551, 0.3372, 0.3368

Deuteranomaly

65.5486, 0.3529, 0.3376

Tritanomaly

65.6003, 0.3533, 0.3209

Monochromacy



Original Color

65.5883, 0.3611, 0.3323

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.9780, 0.3294, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5883, 0.3611, 0.3323 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 65.5883, 0.3611, 0.3323 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, 195) }
```

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

```
.border{ border-color:rgb(255, 198, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5883, 0.3611, 0.3323 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
198, 195) }
```

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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