

Converting Colors

$Y_{xy}(71.3885, 0.3728, 0.3254)$

Have a look what the booklet for
Yxy(71.3885, 0.3728, 0.3254)
contains.

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Color

Yxy(66.4186, 0.3545, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7CB
RGB	255, 199, 203
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2196, 0.2039
CMYK	0.00, 0.22, 0.20, 0.00
HSL	356°, 100%, 89%
HSV	356°, 22%, 100%
XYZ	72.4474, 66.4186, 65.4990
YIQ	216.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

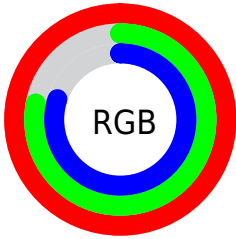
Format	Color
R _Y B	255, 199, 203
Decimal	16762827
CIE Lab	85.21, 20.49, 5.67
CIE LCh	85, 21.257, 15.462
Yxy	66.4186, 0.3545, 0.3250
Android (android.graphics.Color)	4294952907 (0xFFFFC7CB)
YUV	216.2000, -6.5076, 34.0276
Hunter-Lab	81.4976, 16.0569, 9.3974

Details

The Yxy color **66.4186, 0.3545, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6272, 0.2820, 0.3331**, and the grayscale version is **68.8400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2910, 0.3643, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **54.6065, 0.3813, 0.3231**, and if you desaturate by 10%, it is **80.3683, 0.3329, 0.3269**.

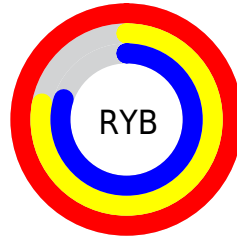
Distribution



Red (100%)

Green (78%)

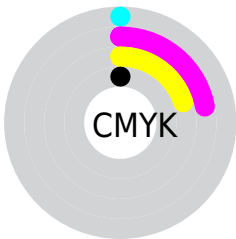
Blue (80%)



Red (100%)

Yellow (78%)

Blue (80%)

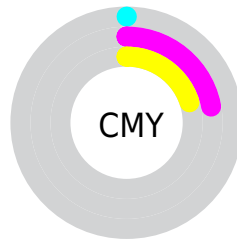


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4186, 0.3545, 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 66.4186, 0.3545, 0.3250 by changing the saturation by 10% instead.


 66.4186, 0.3545,
0.3250

 66.4186, 0.3545,
0.3250


447.8725, 0.3347,
0.3271

 48.6123, 0.3591,
0.3244


114.0869, 0.3475,
0.3258

 34.3120, 0.3649,
0.3237


144.7177, 0.3449,
0.3261

 23.1334, 0.3723,
0.3227


180.3922, 0.3426,
0.3263

 14.6920, 0.3822,
0.3213

221.4946, 0.3406,
0.3266

 8.6035, 0.3960,
0.3192

268.4095, 0.3388,
0.3267

 4.4835, 0.4164,
0.3157

321.5211, 0.3373,

 1.9475, 0.4497,

0.3269

0.3092

381.2140, 0.3359,
0.3270

0.5767, 0.5686,
0.3077

0.0000, 0.0000,
0.0000

66.4186, 0.3545,
0.3250

66.4186, 0.3545,
0.3250

54.6065, 0.3813,
0.3231

80.3683, 0.3329,
0.3269

44.8276, 0.4143,
0.3213

96.5552, 0.3157,
0.3287

36.9668, 0.4536,
0.3198

100.0000, 0.3127,
0.3290

30.8979, 0.4982,
0.3191

■ 26.4798, 0.5448,
0.3195

■ 23.5500, 0.5875,
0.3213

■ 21.9132, 0.6194,
0.3244

■ 21.3043, 0.6345,
0.3269

Harmonies

Analogous

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



66.4186, 0.3324, 0.3046



66.4186, 0.3545, 0.3250



66.4186, 0.3650, 0.3472

Triad

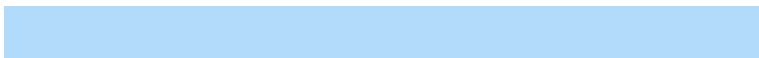
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4186, 0.3545, 0.3250



66.4186, 0.3180, 0.3721



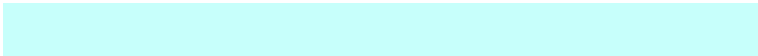
66.4186, 0.2665, 0.2909

Complementary

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



66.4186, 0.3545, 0.3250



90.6272, 0.2820, 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.



66.4186, 0.2631, 0.3073



66.4186, 0.3545, 0.3250



66.4186, 0.2922, 0.3553

Square

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



66.4186, 0.3545, 0.3250



66.4186, 0.3433, 0.3756



66.4186, 0.2723, 0.3310



66.4186, 0.2817, 0.2851

Rectangle

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



66.4186, 0.3545, 0.3250



66.4186, 0.3638, 0.3604



66.4186, 0.2723, 0.3310



66.4186, 0.2640, 0.2953

Sweetspot

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



66.4181, 0.3545, 0.3250



88.1133, 0.3239, 0.3278



68.4521, 0.3118, 0.2736



18.6518, 0.3249, 0.3277



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.



66.4181, 0.3545, 0.3250



61.3959, 0.3646, 0.3242



77.8030, 0.3526, 0.3528



18.0081, 0.3283, 0.3273



11.1396, 0.6327, 0.3259



1.0916, 0.6164, 0.3169

Inverse Universe

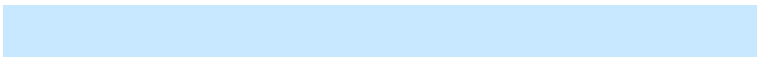
The Inverse Universe completely reimagines the original color for something new.



66.4181, 0.3545, 0.3250



61.3959, 0.3646, 0.3242



76.8876, 0.2781, 0.3039



18.0081, 0.3283, 0.3273



11.1396, 0.6327, 0.3259



1.0916, 0.6164, 0.3169

Previews

White Background



This preview shows how the Yxy color 66.4186, 0.3545, 0.3250 looks on a white background.

Color Contrast Check

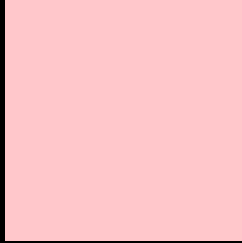
Large Text (above 18pt) WCAG AA × Fail

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 66.4186, 0.3545, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

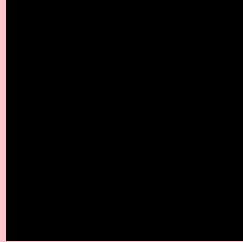
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4186, 0.3545, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 66.4186, 0.3545, 0.3250.



This preview shows how white text looks on a background with the Yxy color 66.4186, 0.3545, 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

66.4186, 0.3545, 0.3250

Protanopia

66.6455, 0.3185, 0.3313

Deuteranopia

66.5840, 0.3404, 0.3334



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.4186, 0.3545, 0.3250

Protanomaly

66.1196, 0.3311, 0.3291

Deuteranomaly

66.2092, 0.3457, 0.3302

Tritanomaly

66.2516, 0.3499, 0.3178

Monochromacy



Original Color

66.4186, 0.3545, 0.3250

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.6193, 0.3271, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4186, 0.3545, 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, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 203)  
}
```

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, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 203) }
```

Border

The CSS property to change the border of an element to Yxy 66.4186, 0.3545, 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, 199, 203) }
```

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

```
.border{ border-color:rgb(255, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4186, 0.3545, 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, 199, 203) }
```

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

```
.background{ background-color: rgb(255,  
199, 203) }
```

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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