

Converting Colors

$Y_{xy}(70.0343, 0.3682, 0.3178)$

Have a look what the booklet for
Yxy(70.0343, 0.3682, 0.3178)
contains.

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Color

Yxy(65.7466, 0.3509, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5D0
RGB	255, 197, 208
RGB Percent	100%, 77%, 82%
CMY	0.0000, 0.2274, 0.1843
CMYK	0.00, 0.23, 0.18, 0.00
HSL	349°, 100%, 89%
HSV	349°, 23%, 100%
XYZ	72.5943, 65.7466, 68.5395
YIQ	215.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

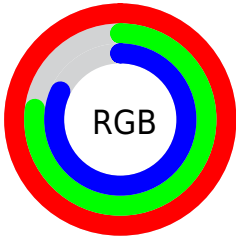
Format	Color
R _Y B	255, 197, 208
Decimal	16762320
CIE Lab	84.87, 22.27, 2.50
CIE LCh	85, 22.413, 6.413
Yxy	65.7466, 0.3509, 0.3178
Android (android.graphics.Color)	4294952400 (0xFFFFC5D0)
YUV	215.5960, -3.7448, 34.5573
Hunter-Lab	81.0843, 17.9127, 6.6419

Details

The Yxy color **65.7466, 0.3509, 0.3178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9222, 0.2845, 0.3406**, and the grayscale version is **68.3904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.9838, 0.3606, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **54.1782, 0.3745, 0.3126**, and if you desaturate by 10%, it is **79.4080, 0.3318, 0.3229**.

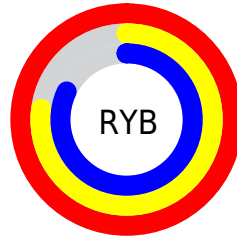
Distribution



Red (100%)

Green (77%)

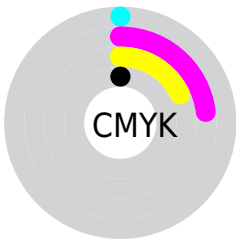
Blue (82%)



Red (100%)

Yellow (77%)

Blue (82%)

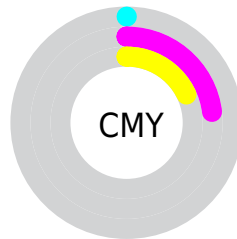


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7466, 0.3509, 0.3178 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 65.7466, 0.3509, 0.3178 by changing the saturation by 10% instead.


 65.7466, 0.3509,
0.3178

 65.7466, 0.3509,
0.3178


445.4701, 0.3328,
0.3232

 48.0667, 0.3551,
0.3165


113.1226, 0.3446,
0.3197

 33.8797, 0.3604,
0.3149


143.5874, 0.3421,
0.3205

 22.8012, 0.3672,
0.3128


179.0828, 0.3400,
0.3211

 14.4468, 0.3762,
0.3099

219.9930, 0.3382,
0.3216

 8.4321, 0.3887,
0.3059

266.7024, 0.3366,
0.3221

 4.3726, 0.4073,
0.2998

319.5955, 0.3352,

 1.8841, 0.4377,

0.3225

0.2895

379.0566, 0.3340,
0.3229

0.5388, 0.5306,
0.2661

0.0000, 1.0000,
0.0000

65.7466, 0.3509,
0.3178

65.7466, 0.3509,
0.3178

54.1782, 0.3745,
0.3126

79.4080, 0.3318,
0.3229

44.5964, 0.4032,
0.3076

95.2560, 0.3164,
0.3277

36.8897, 0.4375,
0.3033

100.0000, 0.3127,
0.3290

30.9344, 0.4768,
0.3006

■ 26.5917, 0.5189,
0.3004

■ 23.7019, 0.5600,
0.3035

■ 22.0720, 0.5949,
0.3099

■ 21.4764, 0.6141,
0.3157

Harmonies

Analogous

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



65.7466, 0.3251, 0.2978



65.7466, 0.3509, 0.3178



65.7466, 0.3663, 0.3411

Triad

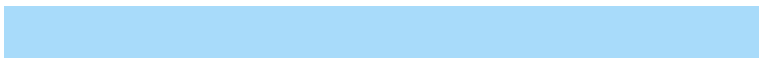
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7466, 0.3509, 0.3178



65.7466, 0.3268, 0.3774



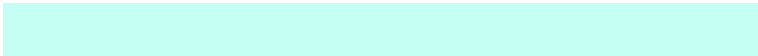
65.7466, 0.2615, 0.2928

Complementary

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



65.7466, 0.3509, 0.3178



89.9222, 0.2845, 0.3406

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.



65.7466, 0.2619, 0.3130



65.7466, 0.3509, 0.3178



65.7466, 0.2988, 0.3635

Square

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



65.7466, 0.3509, 0.3178



65.7466, 0.3517, 0.3765



65.7466, 0.2753, 0.3392



65.7466, 0.2739, 0.2833

Rectangle

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



65.7466, 0.3509, 0.3178



65.7466, 0.3682, 0.3561



65.7466, 0.2753, 0.3392



65.7466, 0.2601, 0.2985

Sweetspot

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



65.7475, 0.3509, 0.3178



88.2384, 0.3225, 0.3257



66.2793, 0.3068, 0.2707



18.6807, 0.3235, 0.3254



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.



65.7475, 0.3509, 0.3178



60.5743, 0.3603, 0.3156



73.5878, 0.3558, 0.3469



18.0434, 0.3264, 0.3245



11.2379, 0.6106, 0.3138



1.1084, 0.5814, 0.2976

Inverse Universe

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



65.7475, 0.3509, 0.3178



60.5743, 0.3603, 0.3156



80.0073, 0.2775, 0.3103



18.0434, 0.3264, 0.3245



11.2379, 0.6106, 0.3138



1.1084, 0.5814, 0.2976

Previews

White Background



This preview shows how the Yxy color 65.7466, 0.3509, 0.3178 looks on a white background.

Color Contrast Check

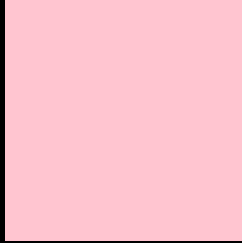
Large Text (above 18pt) WCAG AA × Fail

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 65.7466, 0.3509, 0.3178 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 65.7466, 0.3509, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 65.7466, 0.3509, 0.3178.



This preview shows how white text looks on a background with the Yxy color 65.7466, 0.3509, 0.3178.

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

65.7466, 0.3509, 0.3178

Protanopia

65.9935, 0.3122, 0.3234

Deuteranopia

65.7810, 0.3352, 0.3280



Tritanopia

65.9460, 0.3477, 0.3137

Trichromacy



Original Color

65.7466, 0.3509, 0.3178

Protanomaly

65.7697, 0.3261, 0.3214

Deuteranomaly

65.6233, 0.3404, 0.3238

Tritanomaly

65.8957, 0.3485, 0.3147

Monochromacy



Original Color

65.7466, 0.3509, 0.3178

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.2280, 0.3257, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7466, 0.3509, 0.3178 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, 197, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 208)  
}
```

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, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 208) }
```

Border

The CSS property to change the border of an element to Yxy 65.7466, 0.3509, 0.3178 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, 197, 208) }
```

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

```
.border{ border-color:rgb(255, 197, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7466, 0.3509, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 208) }
```

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

```
.background{ background-color: rgb(255,  
197, 208) }
```

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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