

Converting Colors

$Y_{xy}(65.8224, 0.3518, 0.3193)$

Have a look what the booklet for
Yxy(65.8224, 0.3518, 0.3193)
contains.

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Color

Yxy(65.6975, 0.3517, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5CF
RGB	255, 197, 207
RGB Percent	100%, 77%, 81%
CMY	0.0000, 0.2275, 0.1882
CMYK	0.00, 0.23, 0.19, 0.00
HSL	350°, 100%, 89%
HSV	350°, 23%, 100%
XYZ	72.4774, 65.6975, 67.9025
YIQ	215.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

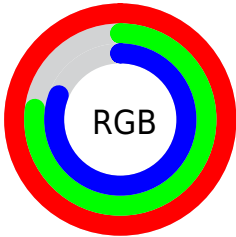
Format	Color
R _Y B	255, 197, 207
Decimal	16762319
CIE Lab	84.84, 22.14, 2.99
CIE LCh	85, 22.337, 7.700
Yxy	65.6975, 0.3517, 0.3188
Android (android.graphics.Color)	4294952399 (0xFFFFC5CF)
YUV	215.4820, -4.1816, 34.6573
Hunter-Lab	81.0540, 17.7679, 7.0679

Details

The Yxy color **65.6975, 0.3517, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9806, 0.2840, 0.3395**, and the grayscale version is **68.3095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.8151, 0.3606, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **54.1145, 0.3758, 0.3141**, and if you desaturate by 10%, it is **79.3727, 0.3322, 0.3235**.

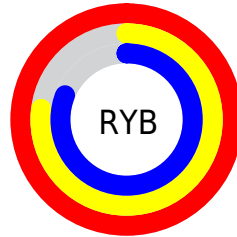
Distribution



Red (100%)

Green (77%)

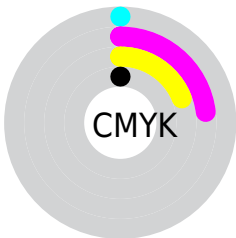
Blue (81%)



Red (100%)

Yellow (77%)

Blue (81%)

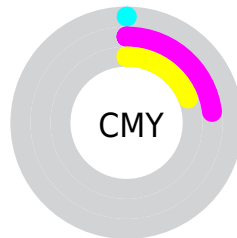


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6975, 0.3517, 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 65.6975, 0.3517, 0.3188 by changing the saturation by 10% instead.


 65.6975, 0.3517,
0.3188

 65.6975, 0.3517,
0.3188

445.2943, 0.3332,
0.3238

 48.0269, 0.3560,
0.3176


113.0521, 0.3452,
0.3206

 33.8482, 0.3614,
0.3161


143.5048, 0.3427,
0.3212

 22.7770, 0.3683,
0.3141


178.9870, 0.3406,
0.3218

 14.4289, 0.3775,
0.3115

219.8831, 0.3387,
0.3223

 8.4196, 0.3904,
0.3077

266.5775, 0.3371,
0.3227

 4.3646, 0.4094,
0.3020

319.4545, 0.3357,

 1.8795, 0.4406,

0.3231

0.2921

378.8987, 0.3344,
0.3235

0.5360, 0.5397,
0.2710

0.0000, 0.0000,
0.0000

65.6975, 0.3517,
0.3188

65.6975, 0.3517,
0.3188

54.1145, 0.3758,
0.3141

79.3727, 0.3322,
0.3235

44.5262, 0.4052,
0.3095

95.2431, 0.3165,
0.3279

36.8175, 0.4403,
0.3057

100.0000, 0.3127,
0.3290

30.8644, 0.4804,
0.3033

■ 26.5276, 0.5234,
0.3033

■ 23.6468, 0.5649,
0.3063

■ 22.0283, 0.5995,
0.3124

■ 21.4423, 0.6180,
0.3178

Harmonies

Analogous

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



65.6975, 0.3263, 0.2986



65.6975, 0.3517, 0.3188



65.6975, 0.3665, 0.3421

Triad

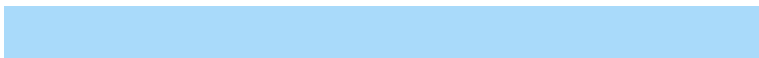
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6975, 0.3517, 0.3188



65.6975, 0.3255, 0.3769



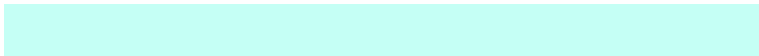
65.6975, 0.2619, 0.2923

Complementary

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



65.6975, 0.3517, 0.3188



89.9806, 0.2840, 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.



65.6975, 0.2618, 0.3120



65.6975, 0.3517, 0.3188



65.6975, 0.2977, 0.3625

Square

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



65.6975, 0.3517, 0.3188



65.6975, 0.3507, 0.3767



65.6975, 0.2746, 0.3380



65.6975, 0.2748, 0.2833

Rectangle

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



65.6975, 0.3517, 0.3188



65.6975, 0.3679, 0.3569



65.6975, 0.2746, 0.3380



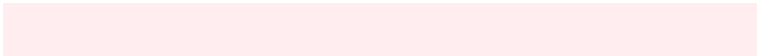
65.6975, 0.2604, 0.2978

Sweetspot

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



65.6954, 0.3517, 0.3188



88.2205, 0.3227, 0.3260



66.4481, 0.3075, 0.2708



18.6765, 0.3237, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

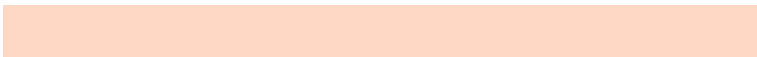
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6954, 0.3517, 0.3188



60.5205, 0.3613, 0.3168



74.0765, 0.3556, 0.3479



18.0383, 0.3267, 0.3249



11.2189, 0.6148, 0.3160



1.1058, 0.5864, 0.3004

Inverse Universe

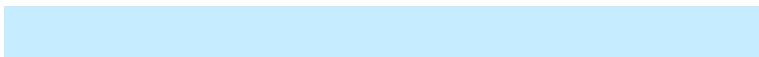
The Inverse Universe completely reimagines the original color for something new.



65.6954, 0.3517, 0.3188



60.5205, 0.3613, 0.3168



79.4445, 0.2774, 0.3093



18.0383, 0.3267, 0.3249



11.2189, 0.6148, 0.3160



1.1058, 0.5864, 0.3004

Previews

White Background



This preview shows how the Yxy color 65.6975, 0.3517, 0.3188 looks on a white background.

Color Contrast Check

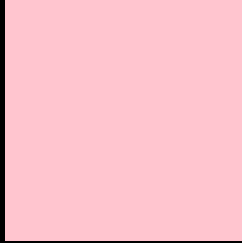
Large Text (above 18pt) WCAG AA × Fail

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 65.6975, 0.3517, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

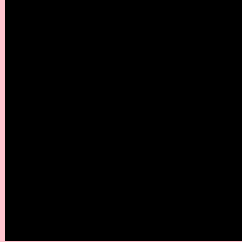
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6975, 0.3517, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 65.6975, 0.3517, 0.3188.

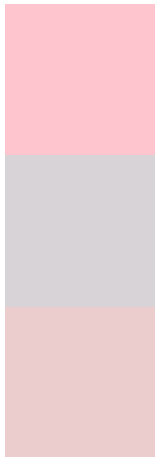


This preview shows how white text looks on a background with the Yxy color 65.6975, 0.3517, 0.3188.

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

65.6975, 0.3517, 0.3188

Protanopia

65.9419, 0.3129, 0.3245

Deuteranopia

65.7326, 0.3360, 0.3291



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.6975, 0.3517, 0.3188

Protanomaly

65.7191, 0.3268, 0.3225

Deuteranomaly

65.5745, 0.3412, 0.3248

Tritanomaly

65.8456, 0.3493, 0.3158

Monochromacy



Original Color

65.6975, 0.3517, 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 65.6975, 0.3517, 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, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.6975, 0.3517, 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, 197, 207) }
```

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

```
.border{ border-color:rgb(255, 197, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6975, 0.3517, 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, 197, 207) }
```

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

```
.background{ background-color: rgb(255,  
197, 207) }
```

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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