

Converting Colors

$Y_{xy}(65.0791, 0.3396, 0.2995)$

Have a look what the booklet for
Yxy(65.0791, 0.3396, 0.2995)
contains.

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Color

Yxy(65.1713, 0.3395, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2DF
RGB	255, 194, 223
RGB Percent	100%, 76%, 87%
CMY	0.0000, 0.2392, 0.1254
CMYK	0.00, 0.24, 0.13, 0.00
HSL	331°, 100%, 88%
HSV	331°, 24%, 100%
XYZ	73.8507, 65.1713, 78.5057
YIQ	215.5450, 27.0470, 21.9510

Conversions

Conversions Part 2

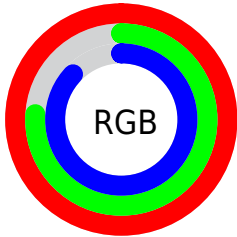
Format	Color
R _Y B	255, 194, 223
Decimal	16761567
CIE Lab	84.57, 26.17, -5.94
CIE LCh	85, 26.832, 347.210
Yxy	65.1713, 0.3395, 0.2996
Android (android.graphics.Color)	4294951647 (0xFFFFC2DF)
YUV	215.5450, 3.6753, 34.6020
Hunter-Lab	80.7287, 22.0165, -1.1472

Details

The Yxy color **65.1713, 0.3395, 0.2996** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.4781, 0.2923, 0.3605**, and the grayscale version is **68.3066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **33.5891, 0.3462, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **54.0874, 0.3547, 0.2867**, and if you desaturate by 10%, it is **78.2655, 0.3268, 0.3123**.

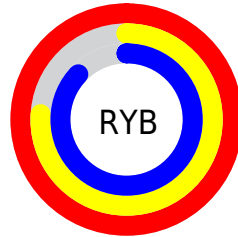
Distribution



Red (100%)

Green (76%)

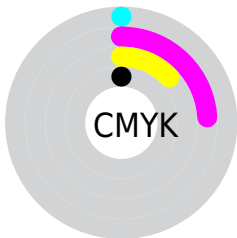
Blue (87%)



Red (100%)

Yellow (76%)

Blue (87%)

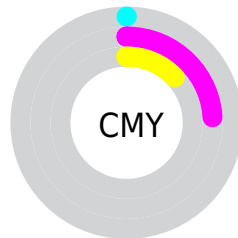


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1713, 0.3395, 0.2996 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 65.1713, 0.3395, 0.2996 by changing the saturation by 10% instead.


 65.1713, 0.3395,
0.2996

 65.1713, 0.3395,
0.2996


443.4073, 0.3270,
0.3132

 47.6000, 0.3424,
0.2965

 112.2961, 0.3351,
0.3043

 33.5102, 0.3459,
0.2927


142.6184, 0.3335,
0.3061

 22.5176, 0.3505,
0.2879


177.9598, 0.3320,
0.3077

 14.2377, 0.3564,
0.2816

218.7047, 0.3308,
0.3091

 8.2862, 0.3647,
0.2730

265.2375, 0.3296,
0.3103

 4.2786, 0.3766,
0.2608

317.9426, 0.3287,

 1.8306, 0.3956,

0.3114

0.2417

377.2044, 0.3278,
0.3123

0.5061, 0.4388,
0.1929

0.0000, 1.0000,
0.0000

65.1713, 0.3395,
0.2996

65.1713, 0.3395,
0.2996

54.0874, 0.3547,
0.2867

78.2655, 0.3268,
0.3123

44.9041, 0.3728,
0.2742

93.4547, 0.3163,
0.3244

37.5150, 0.3937,
0.2628

99.9992, 0.3127,
0.3290

31.7991, 0.4174,
0.2539

■ 27.6206, 0.4431,
0.2486

■ 24.8220, 0.4697,
0.2482

■ 23.2110, 0.4956,
0.2534

■ 22.6462, 0.5107,
0.2587

Harmonies

Analogous

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



65.1713, 0.3054, 0.2813



65.1713, 0.3395, 0.2996



65.1713, 0.3672, 0.3252

Triad

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



65.1713, 0.3395, 0.2996



65.1713, 0.3495, 0.3886



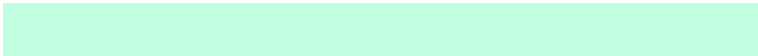
65.1713, 0.2502, 0.2995

Complementary

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



65.1713, 0.3395, 0.2996



88.4781, 0.2923, 0.3605

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.



65.1713, 0.2607, 0.3293



65.1713, 0.3395, 0.2996



65.1713, 0.3171, 0.3836

Square

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



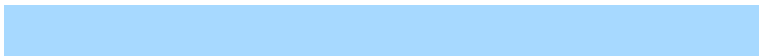
65.1713, 0.3395, 0.2996



65.1713, 0.3727, 0.3764



65.1713, 0.2847, 0.3611



65.1713, 0.2553, 0.2800

Rectangle

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



65.1713, 0.3395, 0.2996



65.1713, 0.3775, 0.3438



65.1713, 0.2847, 0.3611



65.1713, 0.2520, 0.3086

Sweetspot

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



65.1742, 0.3395, 0.2996



88.5469, 0.3193, 0.3208



61.8974, 0.2937, 0.2652



18.7520, 0.3199, 0.3201



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.



65.1742, 0.3395, 0.2996



59.2972, 0.3469, 0.2930



64.1954, 0.3626, 0.3302



18.1309, 0.3219, 0.3177



11.8633, 0.5068, 0.2566



1.1770, 0.4801, 0.2418

Inverse Universe

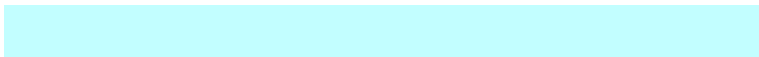
The Inverse Universe completely reimagines the original color for something new.



65.1742, 0.3395, 0.2996



59.2972, 0.3469, 0.2930



89.5604, 0.2772, 0.3278



18.1309, 0.3219, 0.3177



11.8633, 0.5068, 0.2566



1.1770, 0.4801, 0.2418

Previews

White Background



This preview shows how the Yxy color 65.1713, 0.3395, 0.2996 looks on a white background.

Color Contrast Check

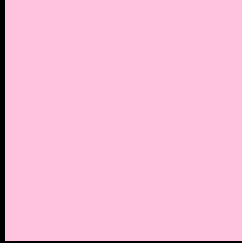
Large Text (above 18pt) WCAG AA × Fail

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 65.1713, 0.3395, 0.2996 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 65.1713, 0.3395, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 65.1713, 0.3395, 0.2996.



This preview shows how white text looks on a background with the Yxy color 65.1713, 0.3395, 0.2996.

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

65.1713, 0.3395, 0.2996

Protanopia

65.5317, 0.2966, 0.3035

Deuteranopia

65.3771, 0.3188, 0.3117



Tritanopia

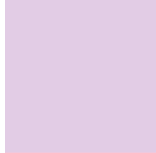
65.2538, 0.3479, 0.3137

Trichromacy



Original Color

65.1713, 0.3395, 0.2996



Protanomaly

65.0116, 0.3117, 0.3020



Deuteranomaly

65.2244, 0.3261, 0.3068



Tritanomaly

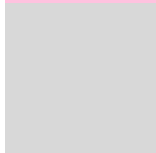
65.0073, 0.3449, 0.3086

Monochromacy



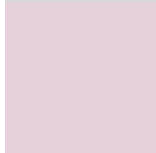
Original Color

65.1713, 0.3395, 0.2996



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.0492, 0.3215, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1713, 0.3395, 0.2996 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, 194, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 223)  
}
```

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, 194, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 223) }
```

Border

The CSS property to change the border of an element to Yxy 65.1713, 0.3395, 0.2996 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, 194, 223) }
```

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

```
.border{ border-color:rgb(255, 194, 223) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1713, 0.3395, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 223) }
```

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

```
.background{ background-color: rgb(255,  
194, 223) }
```

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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