

Converting Colors

$Y_{xy}(95.7782, 0.4083, 0.3114)$

Have a look what the booklet for
Yxy(95.7782, 0.4083, 0.3114)
contains.

Yxy(71.0598, 0.3335, 0.3059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0598, 0.3335, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE5
RGB	255, 206, 229
RGB Percent	100%, 81%, 90%
CMY	0.0000, 0.1922, 0.1019
CMYK	0.00, 0.19, 0.10, 0.00
HSL	332°, 100%, 90%
HSV	332°, 19%, 100%
XYZ	77.4712, 71.0598, 83.7665
YIQ	223.2730, 21.8210, 17.5410

Conversions

Conversions Part 2

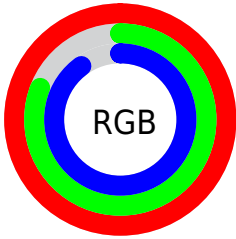
Format	Color
R _Y B	255, 206, 229
Decimal	16764645
CIE Lab	87.51, 20.88, -4.79
CIE LCh	88, 21.418, 347.085
Yxy	71.0598, 0.3335, 0.3059
Android (android.graphics.Color)	4294954725 (0xFFFFCEE5)
YUV	223.2730, 2.8234, 27.8246
Hunter-Lab	84.2970, 16.5266, 0.0910

Details

The Yxy color **71.0598, 0.3335, 0.3059** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4639, 0.2959, 0.3533**, and the grayscale version is **73.9557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1950, 0.3381, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **59.0288, 0.3476, 0.2932**, and if you desaturate by 10%, it is **85.1246, 0.3217, 0.3182**.

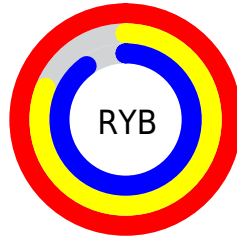
Distribution



Red (100%)

Green (81%)

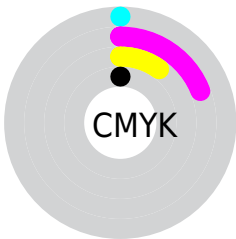
Blue (90%)



Red (100%)

Yellow (81%)

Blue (90%)

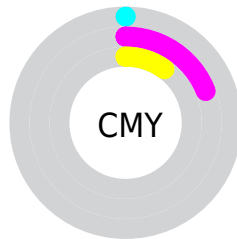


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0598, 0.3335, 0.3059 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 71.0598, 0.3335, 0.3059 by changing the saturation by 10% instead.


 71.0598, 0.3335,
0.3059

 71.0598, 0.3335,
0.3059

464.2625, 0.3239,
0.3165

 52.3910, 0.3357,
0.3035


120.7189, 0.3302,
0.3095

 37.3168, 0.3384,
0.3006


152.4779, 0.3289,
0.3110

 25.4529, 0.3418,
0.2969


189.3692, 0.3278,
0.3122

 16.4148, 0.3462,
0.2922

231.7771, 0.3268,
0.3133

 9.8181, 0.3522,
0.2857

280.0859, 0.3260,
0.3142

 5.2786, 0.3608,
0.2766

334.6802, 0.3252,

 2.4116, 0.3743,

0.3150

0.2626

395.9442, 0.3245,
0.3158

0.8319, 0.3981,
0.2385

0.0000, 0.8763,
0.0000

71.0598, 0.3335,
0.3059

71.0598, 0.3335,
0.3059

59.0288, 0.3476,
0.2932

85.1246, 0.3217,
0.3182

48.9593, 0.3645,
0.2805

100.0000, 0.3127,
0.3290

40.7378, 0.3843,
0.2687

34.2491, 0.4071,
0.2586

■ 29.3649, 0.4323,
0.2515

■ 25.9389, 0.4590,
0.2488

■ 23.7974, 0.4858,
0.2515

■ 22.6795, 0.5112,
0.2594

■ 22.6109, 0.5132,
0.2601

Harmonies

Analogous

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



71.0598, 0.3072, 0.2913



71.0598, 0.3335, 0.3059



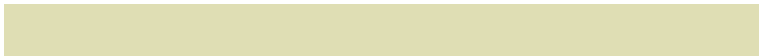
71.0598, 0.3548, 0.3263

Triad

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



71.0598, 0.3335, 0.3059



71.0598, 0.3416, 0.3751



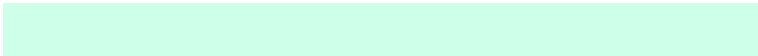
71.0598, 0.2637, 0.3065

Complementary

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



71.0598, 0.3335, 0.3059



90.4639, 0.2959, 0.3533

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.



71.0598, 0.2721, 0.3296



71.0598, 0.3335, 0.3059



71.0598, 0.3166, 0.3708

Square

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



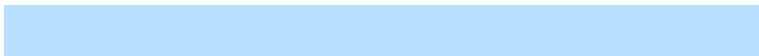
71.0598, 0.3335, 0.3059



71.0598, 0.3593, 0.3662



71.0598, 0.2912, 0.3538



71.0598, 0.2677, 0.2909

Rectangle

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



71.0598, 0.3335, 0.3059



71.0598, 0.3627, 0.3409



71.0598, 0.2912, 0.3538



71.0598, 0.2652, 0.3137

Sweetspot

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



71.0515, 0.3335, 0.3059



90.1121, 0.3184, 0.3221



68.3941, 0.2980, 0.2786



19.0675, 0.3190, 0.3213



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.



71.0515, 0.3335, 0.3059



66.2744, 0.3385, 0.3011



70.2436, 0.3506, 0.3300



18.1291, 0.3220, 0.3179



11.8443, 0.5093, 0.2579



1.1751, 0.4822, 0.2430

Inverse Universe

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



71.0515, 0.3335, 0.3059



66.2744, 0.3385, 0.3011



91.3391, 0.2837, 0.3281



18.1291, 0.3220, 0.3179



11.8443, 0.5093, 0.2579



1.1751, 0.4822, 0.2430

Previews

White Background



This preview shows how the Yxy color 71.0598, 0.3335, 0.3059 looks on a white background.

Color Contrast Check

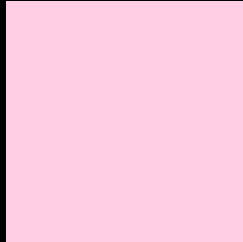
Large Text (above 18pt) WCAG AA × Fail

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 71.0598, 0.3335, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

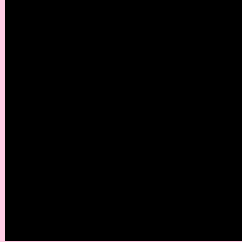
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0598, 0.3335, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 71.0598, 0.3335, 0.3059.



This preview shows how white text looks on a background with the Yxy color 71.0598, 0.3335, 0.3059.

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

71.0598, 0.3335, 0.3059

Protanopia

71.2590, 0.3017, 0.3096

Deuteranopia

71.1945, 0.3200, 0.3133



Tritanopia

71.0242, 0.3370, 0.3129

Trichromacy



Original Color

71.0598, 0.3335, 0.3059

Protanomaly

71.1321, 0.3129, 0.3090

Deuteranomaly

70.9277, 0.3255, 0.3105

Tritanomaly

71.1327, 0.3355, 0.3109

Monochromacy



Original Color

71.0598, 0.3335, 0.3059

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7241, 0.3203, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0598, 0.3335, 0.3059 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, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 229)  
}
```

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, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 229) }
```

Border

The CSS property to change the border of an element to Yxy 71.0598, 0.3335, 0.3059 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, 206, 229) }
```

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

```
.border{ border-color:rgb(255, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0598, 0.3335, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 229) }
```

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

```
.background{ background-color: rgb(255,  
206, 229) }
```

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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