

Converting Colors

Yxy(66.6522, 0.3181, 0.2832)

Have a look what the booklet for
Yxy(66.6522, 0.3181, 0.2832)
contains.

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Color

Yxy(66.6334, 0.3179, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	F7C6F3
RGB	247, 198, 243
RGB Percent	97%, 78%, 95%
CMY	0.0315, 0.2235, 0.0472
CMYK	0.00, 0.20, 0.02, 0.03
HSL	305°, 75%, 87%
HSV	305°, 20%, 97%
XYZ	74.7187, 66.6334, 93.6863
YIQ	217.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

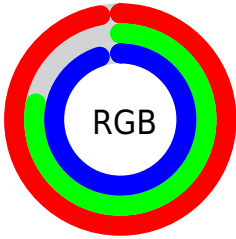
Format	Color
R _Y B	247, 198, 243
Decimal	16238323
CIE Lab	85.32, 24.74, -15.54
CIE LCh	85, 29.217, 327.870
Yxy	66.6334, 0.3179, 0.2835
Android (android.graphics.Color)	4294428403 (0xFFFF7C6F3)
YUV	217.7810, 12.4330, 25.6251
Hunter-Lab	81.6293, 20.5373, -10.9069

Details

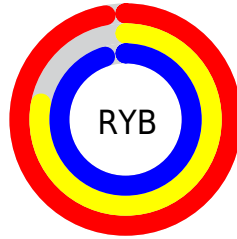
The Yxy color $66.6334, 0.3179, 0.2835$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $82.7828, 0.3078, 0.3792$, and the grayscale version is $69.8575, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.4815, 0.3183, 0.2732$ is the 20% darker color. If you saturate the color by 10%, you get $56.1281, 0.3209, 0.2602$, and if you desaturate by 10%, it is $78.9868, 0.3151, 0.3068$.

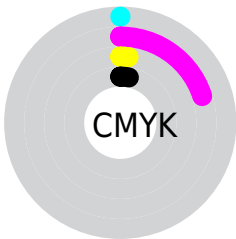
Distribution



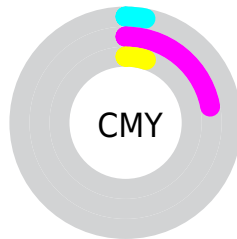
- Red (97%)
- Green (78%)
- Blue (95%)



- Red (97%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6334, 0.3179, 0.2835 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 66.6334, 0.3179, 0.2835 by changing the saturation by 10% instead.

 66.6334, 0.3179,
0.2835

 66.6334, 0.3179,
0.2835


448.6387, 0.3158,
0.3041

 48.7868, 0.3183,
0.2789

114.3950, 0.3172,
0.2905

 34.4504, 0.3188,
0.2733


145.0787, 0.3170,
0.2933

 23.2398, 0.3193,
0.2663


180.8102, 0.3167,
0.2957

 14.7707, 0.3199,
0.2573

221.9739, 0.3165,
0.2978

 8.6586, 0.3206,
0.2454

268.9542, 0.3163,
0.2996

 4.5192, 0.3212,
0.2287

322.1355, 0.3161,


 1.9680, 0.3214,


0.3013

0.2041


381.9022, 0.3160,
0.3028

 0.5888, 0.3224,
0.1574


 0.0000, 0.1759,
0.0000


 66.6334, 0.3179,
0.2835

 66.6334, 0.3179,
0.2835


 56.1281, 0.3209,
0.2602


 78.9868, 0.3151,
0.3068


 47.3731, 0.3241,
0.2377

 93.2626, 0.3127,
0.3294

 40.2747, 0.3275,
0.2169

 98.1323, 0.3112,
0.3348

 34.7272, 0.3309,
0.1988

 98.2595, 0.3100,
0.3328

■ 30.6125, 0.3343,
0.1843

■ 98.3880, 0.3089,
0.3308

■ 27.7957, 0.3375,
0.1741

■ 98.5102, 0.3078,
0.3290

■ 26.1161, 0.3404,
0.1683

■ 25.3121, 0.3430,
0.1664

■ 25.3006, 0.3431,
0.1664

Harmonies

Analogous

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



66.6334, 0.2826, 0.2711



66.6334, 0.3179, 0.2835



66.6334, 0.3537, 0.3064

Triad

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



66.6334, 0.3179, 0.2835



66.6334, 0.3702, 0.3866



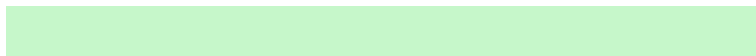
66.6334, 0.2508, 0.3168

Complementary

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



66.6334, 0.3179, 0.2835



82.7828, 0.3078, 0.3792

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.



66.6334, 0.2718, 0.3520



66.6334, 0.3179, 0.2835



66.6334, 0.3405, 0.3940

Square

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



66.6334, 0.3179, 0.2835



66.6334, 0.3847, 0.3644



66.6334, 0.3044, 0.3815



66.6334, 0.2455, 0.2880

Rectangle

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



66.6334, 0.3179, 0.2835



66.6334, 0.3722, 0.3254



66.6334, 0.3044, 0.3815



66.6334, 0.2562, 0.3284

Sweetspot

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



66.6363, 0.3179, 0.2835



90.5431, 0.3142, 0.3155



59.5683, 0.2818, 0.2745



19.1695, 0.3143, 0.3140



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.



66.6363, 0.3179, 0.2835



66.6554, 0.3191, 0.2736



65.2944, 0.3356, 0.3070



16.7435, 0.3151, 0.3076



13.3935, 0.3427, 0.1661



1.1840, 0.3396, 0.1645

Inverse Universe

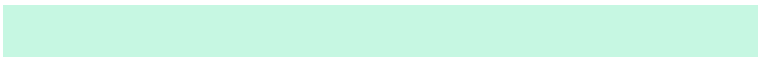
The Inverse Universe completely reimagines the original color for something new.



66.6363, 0.3179, 0.2835



66.6554, 0.3191, 0.2736



83.9948, 0.2945, 0.3521



16.7435, 0.3151, 0.3076



13.3935, 0.3427, 0.1661



1.1840, 0.3396, 0.1645

Previews

White Background



This preview shows how the Yxy color 66.6334, 0.3179, 0.2835 looks on a white background.

Color Contrast Check

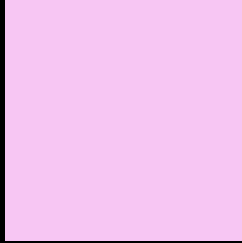
Large Text (above 18pt) WCAG AA × Fail

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 66.6334, 0.3179, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

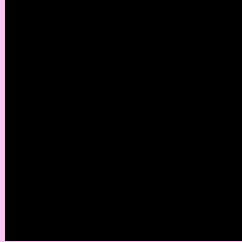
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6334, 0.3179, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 66.6334, 0.3179, 0.2835.



This preview shows how white text looks on a background with the Yxy color 66.6334, 0.3179, 0.2835.

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

66.6334, 0.3179, 0.2835

Protanopia

67.0944, 0.2822, 0.2856

Deuteranopia

66.8348, 0.2999, 0.2936



Tritanopia

66.5361, 0.3337, 0.3123

Trichromacy



Original Color

66.6334, 0.3179, 0.2835



Protanomaly

66.6808, 0.2940, 0.2844



Deuteranomaly

66.4195, 0.3057, 0.2890



Tritanomaly

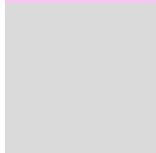
66.7318, 0.3278, 0.3021

Monochromacy



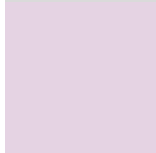
Original Color

66.6334, 0.3179, 0.2835



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.7926, 0.3150, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6334, 0.3179, 0.2835 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(247, 198, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 243)  
}
```

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(247, 198, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 243) }
```

Border

The CSS property to change the border of an element to Yxy 66.6334, 0.3179, 0.2835 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(247, 198, 243) }
```

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

```
.border{ border-color:rgb(247, 198, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 198, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6334, 0.3179, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 243) }
```

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

```
.background{ background-color: rgb(247,  
198, 243) }
```

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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