

Converting Colors

Yxy(65.2785, 0.3171, 0.2849)

Have a look what the booklet for
Yxy(65.2785, 0.3171, 0.2849)
contains.

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Color

Yxy(65.2785, 0.3171, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	F3C5F0
RGB	243, 197, 240
RGB Percent	95%, 77%, 94%
CMY	0.0470, 0.2274, 0.0589
CMYK	0.00, 0.19, 0.01, 0.05
HSL	304°, 66%, 86%
HSV	304°, 19%, 95%
XYZ	72.6564, 65.2785, 91.1929
YIQ	215.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

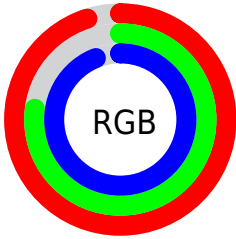
Format	Color
RYB	243, 197, 240
Decimal	15975920
CIELab	84.63, 23.44, -15.03
CIElCh	85, 27.841, 327.332
Yxy	65.2785, 0.3171, 0.2849
Android (android.graphics.Color)	4294166000 (0xFFFF3C5F0)
YUV	215.6560, 12.0016, 23.9807
Hunter-Lab	80.7951, 19.1278, -10.3636

Details

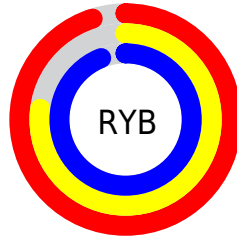
The Yxy color **65.2785, 0.3171, 0.2849** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.1500, 0.3085, 0.3775**, and the grayscale version is **68.3350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.5447, 0.3173, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **55.0256, 0.3197, 0.2613**, and if you desaturate by 10%, it is **77.3167, 0.3147, 0.3085**.

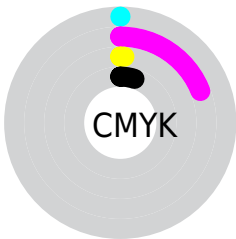
Distribution



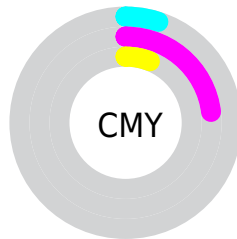
- Red (95%)
- Green (77%)
- Blue (94%)



- Red (95%)
- Yellow (77%)
- Blue (94%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2785, 0.3171, 0.2849 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 65.2785, 0.3171, 0.2849 by changing the saturation by 10% instead.

 65.2785, 0.3171,
0.2849

 65.2785, 0.3171,
0.2849

443.7921, 0.3154,
0.3049

 47.6869, 0.3174,
0.2804

112.4502, 0.3166,
0.2918

 33.5790, 0.3178,
0.2749


142.7991, 0.3163,
0.2945

 22.5704, 0.3182,
0.2680


178.1692, 0.3161,
0.2968

 14.2766, 0.3187,
0.2591

218.9449, 0.3159,
0.2989

 8.3133, 0.3192,
0.2473

265.5107, 0.3158,
0.3006

 4.2961, 0.3195,
0.2306

318.2509, 0.3156,

 1.8405, 0.3193,

0.3022

0.2058

377.5499, 0.3155,
0.3037

0.5122, 0.3216,
0.1528

0.0000, 0.0165,
0.0000

65.2785, 0.3171,
0.2849

65.2785, 0.3171,
0.2849

55.0256, 0.3197,
0.2613

77.3167, 0.3147,
0.3085

46.4645, 0.3225,
0.2383

91.2112, 0.3125,
0.3314

39.5059, 0.3254,
0.2171

97.1557, 0.3112,
0.3390

34.0491, 0.3283,
0.1986

97.2538, 0.3102,
0.3374

29.9818, 0.3311,
0.1836

97.3527, 0.3093,
0.3358

27.1761, 0.3337,
0.1728

97.4524, 0.3084,
0.3343

25.4805, 0.3361,
0.1664

97.5530, 0.3075,
0.3327

24.6689, 0.3382,
0.1640

97.6545, 0.3066,
0.3311

24.6030, 0.3385,
0.1638

97.7568, 0.3057,
0.3296

Harmonies

Analogous

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



65.2785, 0.2833, 0.2731



65.2785, 0.3171, 0.2849



65.2785, 0.3515, 0.3069

Triad

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



65.2785, 0.3171, 0.2849



65.2785, 0.3683, 0.3841



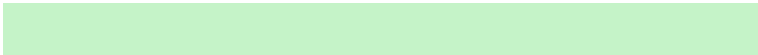
65.2785, 0.2534, 0.3180

Complementary

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



65.2785, 0.3171, 0.2849



80.1500, 0.3085, 0.3775

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.



65.2785, 0.2740, 0.3517



65.2785, 0.3171, 0.2849



65.2785, 0.3400, 0.3913

Square

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



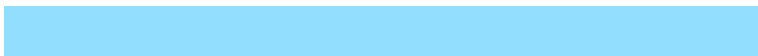
65.2785, 0.3171, 0.2849



65.2785, 0.3818, 0.3627



65.2785, 0.3054, 0.3796



65.2785, 0.2480, 0.2901

Rectangle

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



65.2785, 0.3171, 0.2849



65.2785, 0.3693, 0.3251



65.2785, 0.3054, 0.3796



65.2785, 0.2587, 0.3291

Sweetspot

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



65.2813, 0.3171, 0.2849



90.5590, 0.3140, 0.3153



58.5903, 0.2829, 0.2772



19.1732, 0.3142, 0.3138



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.



65.2813, 0.3171, 0.2849



67.8717, 0.3182, 0.2751



64.0379, 0.3337, 0.3073



16.7484, 0.3148, 0.3072



13.5097, 0.3382, 0.1637



1.1930, 0.3358, 0.1623

Inverse Universe

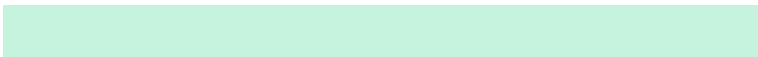
The Inverse Universe completely reimagines the original color for something new.



65.2813, 0.3171, 0.2849



67.8717, 0.3182, 0.2751



81.2687, 0.2957, 0.3518



16.7484, 0.3148, 0.3072



13.5097, 0.3382, 0.1637



1.1930, 0.3358, 0.1623

Previews

White Background



This preview shows how the Yxy color 65.2785, 0.3171, 0.2849 looks on a white background.

Color Contrast Check

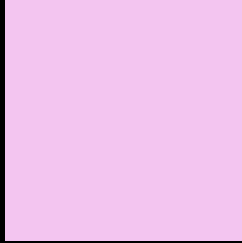
Large Text (above 18pt) WCAG AA × Fail

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 65.2785, 0.3171, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

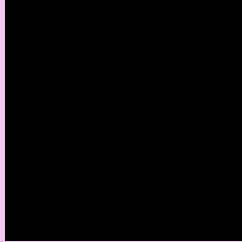
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2785, 0.3171, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 65.2785, 0.3171, 0.2849.



This preview shows how white text looks on a background with the Yxy color 65.2785, 0.3171, 0.2849.

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

65.2785, 0.3171, 0.2849

Protanopia

65.7079, 0.2838, 0.2873

Deuteranopia

65.3757, 0.3004, 0.2944



Tritanopia

65.3083, 0.3314, 0.3121

Trichromacy



Original Color

65.2785, 0.3171, 0.2849

Protanomaly

65.1606, 0.2951, 0.2860

Deuteranomaly

65.4378, 0.3063, 0.2908

Tritanomaly

65.4456, 0.3263, 0.3028

Monochromacy



Original Color

65.2785, 0.3171, 0.2849

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.2059, 0.3143, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2785, 0.3171, 0.2849 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(243, 197, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 197, 240)  
}
```

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(243, 197, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 197, 240) }
```

Border

The CSS property to change the border of an element to Yxy 65.2785, 0.3171, 0.2849 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(243, 197, 240) }
```

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

```
.border{ border-color:rgb(243, 197, 240) }
```

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

Here you see how a box with a 4 pixel rgb(243, 197, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 197, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 197, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 197,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2785, 0.3171, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 197, 240) }
```

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

```
.background{ background-color: rgb(243,  
197, 240) }
```

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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