

Converting Colors

$Y_{xy}(65.9313, 0.3035, 0.2711)$

Have a look what the booklet for
Yxy(65.9313, 0.3035, 0.2711)
contains.

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Color

Yxy(65.9589, 0.3036, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	EFC6FF
RGB	239, 198, 255
RGB Percent	94%, 78%, 100%
CMY	0.0627, 0.2235, 0.0002
CMYK	0.06, 0.22, 0.00, 0.00
HSL	283°, 100%, 89%
HSV	283°, 22%, 100%
XYZ	73.8389, 65.9589, 103.4134
YIQ	216.7570, 6.1390, 26.4190

Conversions

Conversions Part 2

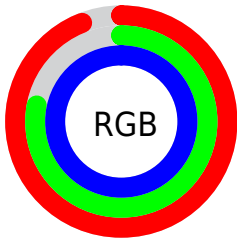
Format	Color
R _Y B	239, 198, 255
Decimal	15714047
CIE Lab	84.98, 24.40, -22.50
CIE LCh	85, 33.191, 317.325
Yxy	65.9589, 0.3036, 0.2712
Android (android.graphics.Color)	4293904127 (0xFFEFC6FF)
YUV	216.7570, 18.8538, 19.5071
Hunter-Lab	81.2151, 20.1618, -18.6451

Details

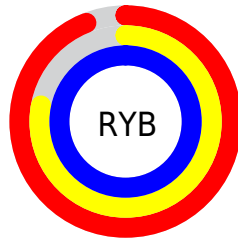
The Yxy color $65.9589, 0.3036, 0.2712$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.8614, 0.3197, 0.3900$, and the grayscale version is $69.0803, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0910, 0.3014, 0.2589$ is the 20% darker color. If you saturate the color by 10%, you get $54.0522, 0.2983, 0.2438$, and if you desaturate by 10%, it is $79.8820, 0.3081, 0.2979$.

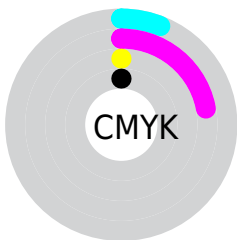
Distribution



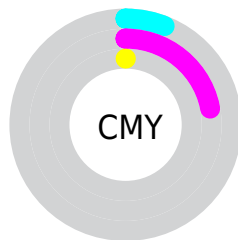
- Red (94%)
- Green (78%)
- Blue (100%)



- Red (94%)
- Yellow (78%)
- Blue (100%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9589, 0.3036, 0.2712 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 65.9589, 0.3036, 0.2712 by changing the saturation by 10% instead.


 65.9589, 0.3036,
0.2712

 65.9589, 0.3036,
0.2712


446.2299, 0.3083,
0.2972

 48.2390, 0.3024,
0.2655


113.4273, 0.3053,
0.2801

 34.0162, 0.3009,
0.2585


143.9447, 0.3060,
0.2835

 22.9061, 0.2989,
0.2498


179.4967, 0.3065,
0.2866

 14.5242, 0.2962,
0.2387

220.4677, 0.3070,
0.2892

 8.4861, 0.2922,
0.2242

267.2422, 0.3074,
0.2915

 4.4075, 0.2862,
0.2042

320.2044, 0.3077,

 1.9041, 0.2760,

0.2936

0.1755

379.7388, 0.3080,
0.2955

0.5508, 0.2587,
0.1238

0.0000, 0.0648,
0.0000

65.9589, 0.3036,
0.2712

65.9589, 0.3036,
0.2712

54.0522, 0.2983,
0.2438

79.8820, 0.3081,
0.2979

44.0549, 0.2922,
0.2165

95.9050, 0.3119,
0.3233

35.8624, 0.2854,
0.1905

99.9975, 0.3127,
0.3290

29.3569, 0.2781,
0.1668

■ 24.4061, 0.2705,
0.1468

■ 20.8575, 0.2628,
0.1311

■ 18.5267, 0.2553,
0.1204

■ 17.3562, 0.2497,
0.1149

Harmonies

Analogous

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



65.9589, 0.2665, 0.2621



65.9589, 0.3036, 0.2712



65.9589, 0.3457, 0.2933

Triad

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



65.9589, 0.3036, 0.2712



65.9589, 0.3863, 0.3867



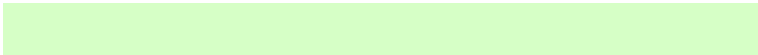
65.9589, 0.2490, 0.3287

Complementary

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



65.9589, 0.3036, 0.2712



89.8614, 0.3197, 0.3900

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.



65.9589, 0.2780, 0.3688



65.9589, 0.3036, 0.2712



65.9589, 0.3573, 0.4027

Square

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



65.9589, 0.3036, 0.2712



65.9589, 0.3952, 0.3574



65.9589, 0.3174, 0.3971



65.9589, 0.2367, 0.2920

Rectangle

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



65.9589, 0.3036, 0.2712



65.9589, 0.3703, 0.3131



65.9589, 0.3174, 0.3971



65.9589, 0.2570, 0.3424

Sweetspot

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



65.9617, 0.3036, 0.2712



88.1998, 0.3103, 0.3117



67.3896, 0.2761, 0.2844



18.6712, 0.3100, 0.3101



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.



65.9617, 0.3036, 0.2712



60.1868, 0.3012, 0.2585



68.0916, 0.3242, 0.2847



18.0298, 0.3093, 0.3053



9.1509, 0.2509, 0.1156



0.9459, 0.2591, 0.1201

Inverse Universe

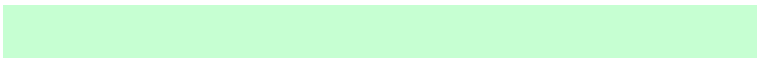
The Inverse Universe completely reimagines the original color for something new.



66.4959, 0.3460, 0.3128



60.8694, 0.3551, 0.3092



88.1721, 0.3030, 0.3778



18.0707, 0.3250, 0.3224



11.3709, 0.5838, 0.2990



1.1248, 0.5519, 0.2814

Previews

White Background



This preview shows how the Yxy color 65.9589, 0.3036, 0.2712 looks on a white background.

Color Contrast Check

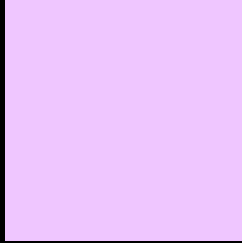
Large Text (above 18pt) WCAG AA × Fail

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 65.9589, 0.3036, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

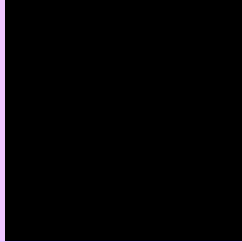
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

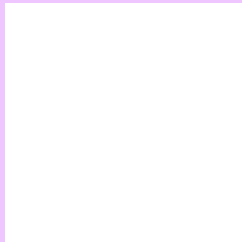
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9589, 0.3036, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 65.9589, 0.3036, 0.2712.

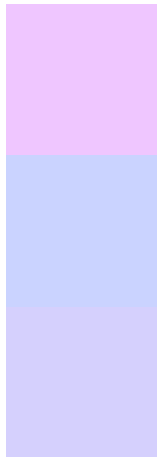


This preview shows how white text looks on a background with the Yxy color 65.9589, 0.3036, 0.2712.

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

65.9589, 0.3036, 0.2712

Protanopia

66.3651, 0.2784, 0.2812

Deuteranopia

66.3497, 0.2867, 0.2809



Tritanopia

65.8455, 0.3242, 0.3119

Trichromacy



Original Color

65.9589, 0.3036, 0.2712

Protanomaly

65.8097, 0.2867, 0.2769

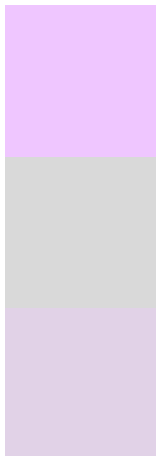
Deuteranomaly

65.8711, 0.2921, 0.2764

Tritanomaly

65.9571, 0.3165, 0.2965

Monochromacy



Original Color

65.9589, 0.3036, 0.2712

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.8703, 0.3094, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9589, 0.3036, 0.2712 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(239, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 198, 255)  
}
```

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(239, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.9589, 0.3036, 0.2712 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(239, 198, 255) }
```

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

```
.border{ border-color:rgb(239, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9589, 0.3036, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 198, 255) }
```

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

```
.background{ background-color: rgb(239,  
198, 255) }
```

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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