

Converting Colors

Yxy(65.9694, 0.2707, 0.2360)

Have a look what the booklet for
Yxy(65.9694, 0.2707, 0.2360)
contains.

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Color

Yxy(63.6157, 0.2934, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	E1C6FF
RGB	225, 198, 255
RGB Percent	88%, 78%, 100%
CMY	0.1179, 0.2234, 0.0000
CMYK	0.12, 0.22, 0.00, 0.00
HSL	268°, 100%, 89%
HSV	268°, 22%, 100%
XYZ	69.2830, 63.6157, 103.2397
YIQ	212.5710, -2.2050, 23.4510

Conversions

Conversions Part 2

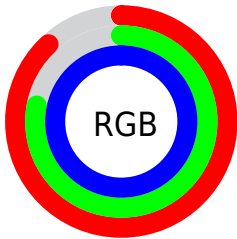
Format	Color
R _Y B	225, 198, 255
Decimal	14796543
CIE Lab	83.77, 19.96, -24.47
CIE LCh	84, 31.584, 309.204
Yxy	63.6157, 0.2934, 0.2694
Android (android.graphics.Color)	4292986623 (0xFFE1C6FF)
YUV	212.5710, 20.9175, 10.9002
Hunter-Lab	79.7595, 15.4749, -20.9127

Details

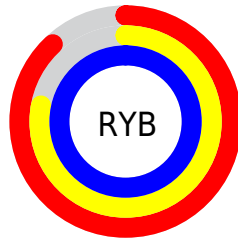
The Yxy color **63.6157, 0.2934, 0.2694** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.1051, 0.3287, 0.3883**, and the grayscale version is **66.0949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4588, 0.2882, 0.2561** is the 20% darker color. If you saturate the color by 10%, you get **50.8470, 0.2826, 0.2398**, and if you desaturate by 10%, it is **78.5217, 0.3029, 0.2974**.

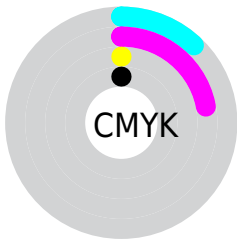
Distribution



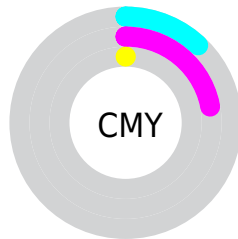
- Red (88%)
- Green (78%)
- Blue (100%)



- Red (88%)
- Yellow (78%)
- Blue (100%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6157, 0.2934, 0.2694 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 63.6157, 0.2934, 0.2694 by changing the saturation by 10% instead.


 63.6157, 0.2934,
0.2694

 63.6157, 0.2934,
0.2694

437.8005, 0.3029,
0.2964

 46.3395, 0.2911,
0.2634

110.0573, 0.2968,
0.2786

 32.5138, 0.2883,
0.2560


139.9915, 0.2981,
0.2823

 21.7542, 0.2846,
0.2469

174.9137, 0.2992,
0.2854

 13.6764, 0.2796,
0.2352

215.2085, 0.3001,
0.2882

 7.8960, 0.2726,
0.2196

261.2602, 0.3009,
0.2906

 4.0285, 0.2623,
0.1983

313.4532, 0.3017,

 1.6895, 0.2455,

0.2928

0.1674

372.1718, 0.3023,
0.2947

0.4168, 0.2192,
0.1034

0.0000, 0.0000,
0.0000

63.6157, 0.2934,
0.2694

63.6157, 0.2934,
0.2694

50.8470, 0.2826,
0.2398

78.5217, 0.3029,
0.2974

40.1066, 0.2704,
0.2094

95.6532, 0.3110,
0.3233

31.2861, 0.2572,
0.1794

100.0000, 0.3127,
0.3290

24.2640, 0.2433,
0.1511

■ 18.9039, 0.2293,
0.1263

■ 15.0495, 0.2158,
0.1064

■ 12.5121, 0.2035,
0.0922

■ 11.2482, 0.1952,
0.0849

Harmonies

Analogous

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



63.6157, 0.2605, 0.2646



63.6157, 0.2934, 0.2694



63.6157, 0.3337, 0.2877

Triad

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



63.6157, 0.2934, 0.2694



63.6157, 0.3881, 0.3780



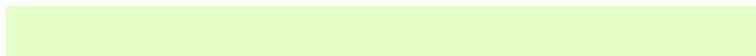
63.6157, 0.2574, 0.3394

Complementary

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



63.6157, 0.2934, 0.2694



92.1051, 0.3287, 0.3883

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.



63.6157, 0.2889, 0.3763



63.6157, 0.2934, 0.2694



63.6157, 0.3648, 0.3976

Square

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



63.6157, 0.2934, 0.2694



63.6157, 0.3904, 0.3479



63.6157, 0.3282, 0.3982



63.6157, 0.2408, 0.3020

Rectangle

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



63.6157, 0.2934, 0.2694



63.6157, 0.3592, 0.3055



63.6157, 0.3282, 0.3982



63.6157, 0.2665, 0.3525

Sweetspot

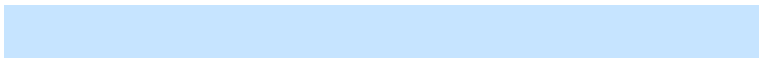
The Sweet Spot groups the original color and five complimentary colors.



63.6179, 0.2934, 0.2694



87.3930, 0.3074, 0.3115



74.9423, 0.2773, 0.3003



18.4843, 0.3069, 0.3099



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.



63.6179, 0.2934, 0.2694



57.4119, 0.2885, 0.2558



68.5207, 0.3139, 0.2730



17.7986, 0.3053, 0.3050



5.9647, 0.1969, 0.0858



0.6452, 0.2093, 0.0927

Inverse Universe

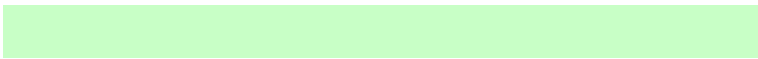
The Inverse Universe completely reimagines the original color for something new.



67.2649, 0.3351, 0.2987



61.7401, 0.3410, 0.2921



87.8671, 0.3109, 0.3917



18.1472, 0.3211, 0.3165



12.0461, 0.4848, 0.2444



1.1950, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 63.6157, 0.2934, 0.2694 looks on a white background.

Color Contrast Check

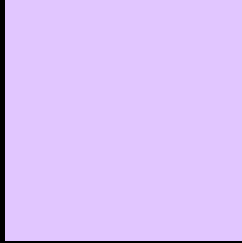
Large Text (above 18pt) WCAG AA × Fail

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 63.6157, 0.2934, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

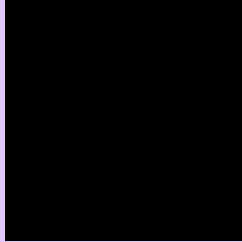
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6157, 0.2934, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 63.6157, 0.2934, 0.2694.

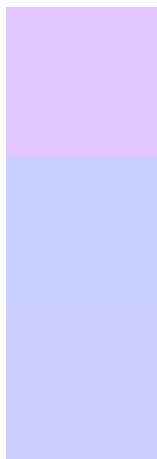


This preview shows how white text looks on a background with the Yxy color 63.6157, 0.2934, 0.2694.

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

63.6157, 0.2934, 0.2694

Protanopia

63.8514, 0.2755, 0.2763

Deuteranopia

63.6069, 0.2818, 0.2748



Tritanopia

63.4131, 0.3128, 0.3113

Trichromacy



Original Color

63.6157, 0.2934, 0.2694

Protanomaly

63.8156, 0.2819, 0.2740

Deuteranomaly

63.6930, 0.2865, 0.2734

Tritanomaly

63.4964, 0.3053, 0.2953

Monochromacy



Original Color

63.6157, 0.2934, 0.2694

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.4649, 0.3056, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6157, 0.2934, 0.2694 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(225, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.6157, 0.2934, 0.2694 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(225, 198, 255) }
```

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

```
.border{ border-color:rgb(225, 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(225, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6157, 0.2934, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 198, 255) }
```

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

```
.background{ background-color: rgb(225,  
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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