

Converting Colors

$Yxy(64.6195, 0.2856, 0.2745)$

Have a look what the booklet for
Yxy(64.6195, 0.2856, 0.2745)
contains.

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Color

Yxy(64.7019, 0.2859, 0.2746)

Conversions

Conversions Part 1

Format	Color
Hex	D6CCFF
RGB	214, 204, 255
RGB Percent	84%, 80%, 100%
CMY	0.1610, 0.1999, 0.0000
CMYK	0.16, 0.20, 0.00, 0.00
HSL	252°, 100%, 90%
HSV	252°, 20%, 100%
XYZ	67.3644, 64.7019, 103.5560
YIQ	212.8040, -10.4110, 17.9810

Conversions

Conversions Part 2

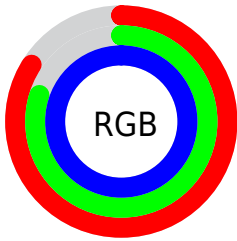
Format	Color
R _Y B	214, 204, 255
Decimal	14077183
CIE Lab	84.33, 13.34, -23.70
CIE LCh	84, 27.196, 299.368
Yxy	64.7019, 0.2859, 0.2746
Android (android.graphics.Color)	4292267263 (0xFFD6CCFF)
YUV	212.8040, 20.8026, 1.0489
Hunter-Lab	80.4375, 8.7238, -20.0243

Details

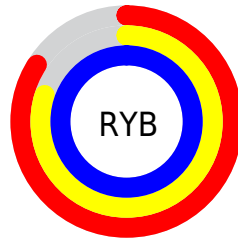
The Yxy color **64.7019, 0.2859, 0.2746** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.3058, 0.3364, 0.3801**, and the grayscale version is **66.2623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2608, 0.2795, 0.2626** is the 20% darker color. If you saturate the color by 10%, you get **50.6603, 0.2697, 0.2433**, and if you desaturate by 10%, it is **81.1210, 0.3002, 0.3033**.

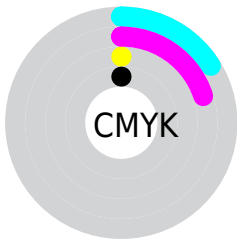
Distribution



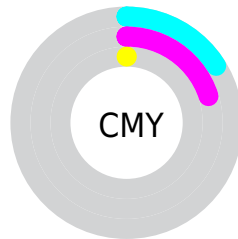
- Red (84%)
- Green (80%)
- Blue (100%)



- Red (84%)
- Yellow (80%)
- Blue (100%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7019, 0.2859, 0.2746 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 64.7019, 0.2859, 0.2746 by changing the saturation by 10% instead.

64.7019, 0.2859,
0.2746

64.7019, 0.2859,
0.2746

441.7200, 0.2987,
0.2994

47.2194, 0.2829,
0.2690

111.6212, 0.2904,
0.2831

33.2091, 0.2792,
0.2622

141.8267, 0.2921,
0.2865

22.2867, 0.2744,
0.2537

177.0421, 0.2936,
0.2894

14.0677, 0.2680,
0.2427

217.6517, 0.2949,
0.2919

8.1678, 0.2593,
0.2281

264.0399, 0.2960,
0.2941

4.2025, 0.2466,
0.2078

316.5910, 0.2970,

1.7875, 0.2266,

0.2961

0.1781

375.6896, 0.2979,
0.2978

0.4793, 0.1943,
0.1192

0.0000, 0.0000,
0.0000

64.7019, 0.2859,
0.2746

64.7019, 0.2859,
0.2746

50.6603, 0.2697,
0.2433

81.1210, 0.3002,
0.3033

38.8798, 0.2519,
0.2100

100.0000, 0.3127,
0.3290

29.2425, 0.2330,
0.1760

21.6173, 0.2139,
0.1432

■ 15.8587, 0.1956,
0.1138

■ 11.8008, 0.1796,
0.0901

■ 9.2478, 0.1670,
0.0737

■ 7.8905, 0.1582,
0.0645

■ 7.8896, 0.1581,
0.0645

Harmonies

Analogous

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



64.7019, 0.2609, 0.2750



64.7019, 0.2859, 0.2746



64.7019, 0.3194, 0.2869

Triad

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



64.7019, 0.2859, 0.2746



64.7019, 0.3801, 0.3638



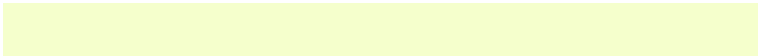
64.7019, 0.2730, 0.3490

Complementary

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



64.7019, 0.2859, 0.2746



95.3058, 0.3364, 0.3801

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.



64.7019, 0.3033, 0.3771



64.7019, 0.2859, 0.2746



64.7019, 0.3657, 0.3840

Square

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



64.7019, 0.2859, 0.2746



64.7019, 0.3754, 0.3365



64.7019, 0.3373, 0.3899



64.7019, 0.2537, 0.3161

Rectangle

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



64.7019, 0.2859, 0.2746



64.7019, 0.3423, 0.3008



64.7019, 0.3373, 0.3899



64.7019, 0.2822, 0.3595

Sweetspot

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



64.7037, 0.2859, 0.2746



88.3615, 0.3054, 0.3139



85.7612, 0.2821, 0.3191



18.6536, 0.3046, 0.3122



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.



64.7037, 0.2859, 0.2746



58.7963, 0.2796, 0.2623



68.7409, 0.3034, 0.2773



17.5480, 0.3009, 0.3046



4.1705, 0.1592, 0.0651



0.4485, 0.1690, 0.0704

Inverse Universe

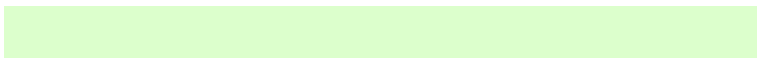
The Inverse Universe completely reimagines the original color for something new.



71.0521, 0.3220, 0.2884



66.2305, 0.3242, 0.2800



91.1218, 0.3202, 0.3828



18.2361, 0.3168, 0.3101



13.4419, 0.3774, 0.1853



1.3236, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 64.7019, 0.2859, 0.2746 looks on a white background.

Color Contrast Check

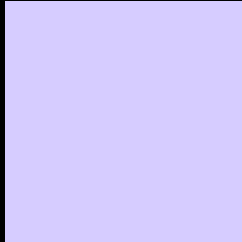
Large Text (above 18pt) WCAG AA × Fail

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 64.7019, 0.2859, 0.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

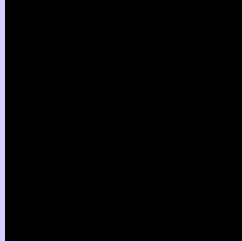
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7019, 0.2859, 0.2746

Background



This preview shows how black text looks on a background with the Yxy color 64.7019, 0.2859, 0.2746.



This preview shows how white text looks on a background with the Yxy color 64.7019, 0.2859, 0.2746.

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

64.7019, 0.2859, 0.2746

Protanopia

64.6111, 0.2768, 0.2776

Deuteranopia

64.9179, 0.2827, 0.2763



Tritanopia

64.6472, 0.3012, 0.3099

Trichromacy



Original Color

64.7019, 0.2859, 0.2746

Protanomaly

64.8248, 0.2800, 0.2770

Deuteranomaly

64.7315, 0.2839, 0.2754

Tritanomaly

64.5890, 0.2954, 0.2960

Monochromacy



Original Color

64.7019, 0.2859, 0.2746

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8408, 0.3027, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7019, 0.2859, 0.2746 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(214, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 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(214, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 64.7019, 0.2859, 0.2746 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(214, 204, 255) }
```

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

```
.border{ border-color:rgb(214, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7019, 0.2859, 0.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 255) }
```

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

```
.background{ background-color: rgb(214,  
204, 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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