

Converting Colors

Yxy(66.4109, 0.2963, 0.2748)

Have a look what the booklet for
Yxy(66.4109, 0.2963, 0.2748)
contains.

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Color

Yxy(66.5899, 0.2964, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	E5CBFF
RGB	229, 203, 255
RGB Percent	90%, 80%, 100%
CMY	0.1019, 0.2039, 0.0001
CMYK	0.10, 0.20, 0.00, 0.00
HSL	270°, 100%, 90%
HSV	270°, 20%, 100%
XYZ	71.7196, 66.5899, 103.6596
YIQ	216.7020, -1.1960, 21.6840

Conversions

Conversions Part 2

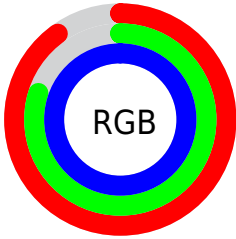
Format	Color
R _Y B	229, 203, 255
Decimal	15059967
CIE Lab	85.30, 18.58, -22.10
CIE LCh	85, 28.872, 310.052
Yxy	66.5899, 0.2964, 0.2752
Android (android.graphics.Color)	4293250047 (0xFFE5CBFF)
YUV	216.7020, 18.8809, 10.7853
Hunter-Lab	81.6026, 14.0770, -18.1941

Details

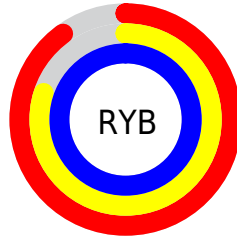
The Yxy color **66.5899, 0.2964, 0.2752** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4681, 0.3264, 0.3829**, and the grayscale version is **69.0450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4563, 0.2921, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **53.5049, 0.2864, 0.2461**, and if you desaturate by 10%, it is **81.8146, 0.3051, 0.3027**.

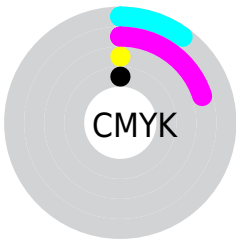
Distribution



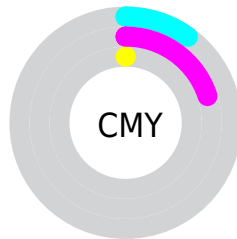
- Red (90%)
- Green (80%)
- Blue (100%)



- Red (90%)
- Yellow (80%)
- Blue (100%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5899, 0.2964, 0.2752 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 66.5899, 0.2964, 0.2752 by changing the saturation by 10% instead.

 66.5899, 0.2964,
0.2752

 66.5899, 0.2964,
0.2752


448.4836, 0.3043,
0.2995

 48.7514, 0.2945,
0.2698

114.3326, 0.2992,
0.2835

 34.4223, 0.2921,
0.2632

145.0056, 0.3003,
0.2868

 23.2182, 0.2890,
0.2550


180.7255, 0.3012,
0.2896

 14.7547, 0.2849,
0.2445

221.8769, 0.3020,
0.2921

 8.6474, 0.2792,
0.2306

268.8439, 0.3027,
0.2943

 4.5119, 0.2706,
0.2114

322.0112, 0.3033,

 1.9639, 0.2569,

0.2962

0.1835

381.7629, 0.3039,
0.2979

0.5863, 0.2335,
0.1339

0.0000, 0.0000,
0.0000

66.5899, 0.2964,
0.2752

66.5899, 0.2964,
0.2752

53.5049, 0.2864,
0.2461

81.8146, 0.3051,
0.3027

42.4512, 0.2752,
0.2161

99.2638, 0.3125,
0.3281

33.3233, 0.2628,
0.1863

99.9985, 0.3127,
0.3290

26.0027, 0.2497,
0.1580

■ 20.3572, 0.2363,
0.1329

■ 16.2356, 0.2232,
0.1124

■ 13.4581, 0.2110,
0.0973

■ 11.7790, 0.2005,
0.0878

Harmonies

Analogous

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



66.5899, 0.2662, 0.2706



66.5899, 0.2964, 0.2752



66.5899, 0.3328, 0.2922

Triad

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



66.5899, 0.2964, 0.2752



66.5899, 0.3803, 0.3742



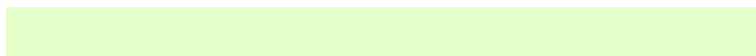
66.5899, 0.2622, 0.3376

Complementary

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



66.5899, 0.2964, 0.2752



92.4681, 0.3264, 0.3829

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.



66.5899, 0.2905, 0.3705



66.5899, 0.2964, 0.2752



66.5899, 0.3590, 0.3911

Square

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



66.5899, 0.2964, 0.2752



66.5899, 0.3828, 0.3473



66.5899, 0.3259, 0.3907



66.5899, 0.2474, 0.3041

Rectangle

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



66.5899, 0.2964, 0.2752



66.5899, 0.3555, 0.3086



66.5899, 0.3259, 0.3907



66.5899, 0.2703, 0.3492

Sweetspot

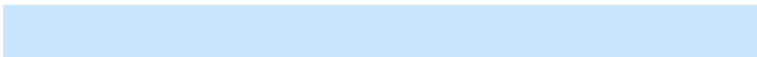
The Sweet Spot groups the original color and five complimentary colors.



66.5927, 0.2964, 0.2752



89.2031, 0.3085, 0.3141



75.9481, 0.2803, 0.3012



18.8522, 0.3080, 0.3124



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.



66.5927, 0.2964, 0.2752



61.6314, 0.2929, 0.2648



71.1871, 0.3151, 0.2782



17.8244, 0.3058, 0.3050



6.2449, 0.2022, 0.0888



0.6730, 0.2144, 0.0955

Inverse Universe

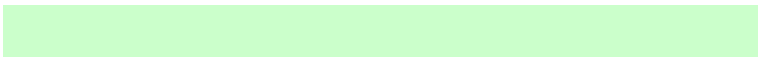
The Inverse Universe completely reimagines the original color for something new.



69.6236, 0.3338, 0.3029



65.1563, 0.3385, 0.2981



88.5135, 0.3101, 0.3857



18.1384, 0.3215, 0.3172



11.9445, 0.4967, 0.2510



1.1850, 0.4712, 0.2369

Previews

White Background



This preview shows how the Yxy color 66.5899, 0.2964, 0.2752 looks on a white background.

Color Contrast Check

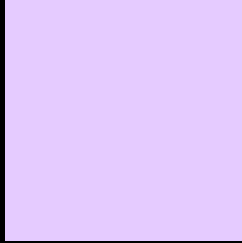
Large Text (above 18pt) WCAG AA × Fail

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 66.5899, 0.2964, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

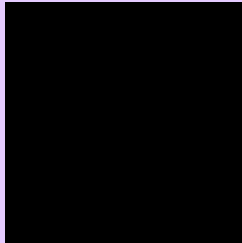
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

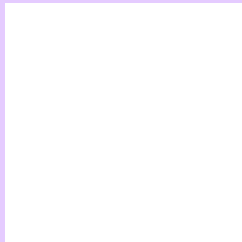
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5899, 0.2964, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 66.5899, 0.2964, 0.2752.



This preview shows how white text looks on a background with the Yxy color 66.5899, 0.2964, 0.2752.

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

66.5899, 0.2964, 0.2752

Protanopia

66.6459, 0.2797, 0.2814

Deuteranopia

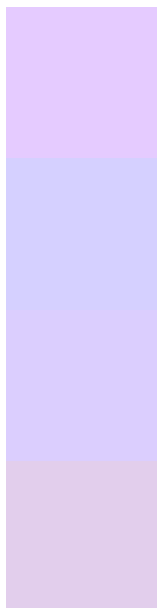
66.5636, 0.2867, 0.2800



Tritanopia

66.3953, 0.3128, 0.3105

Trichromacy



Original Color

66.5899, 0.2964, 0.2752

Protanomaly

66.4779, 0.2855, 0.2789

Deuteranomaly

66.3584, 0.2901, 0.2783

Tritanomaly

66.3675, 0.3068, 0.2970

Monochromacy



Original Color

66.5899, 0.2964, 0.2752

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.2286, 0.3064, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5899, 0.2964, 0.2752 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(229, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 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(229, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.5899, 0.2964, 0.2752 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(229, 203, 255) }
```

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

```
.border{ border-color:rgb(229, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 203, 255); box-shadow:4px 4px 4px 4px rgb(229, 203, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5899, 0.2964, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 255) }
```

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

```
.background{ background-color: rgb(229,  
203, 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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