

Converting Colors

Yxy(64.7932, 0.2844, 0.2822)

Have a look what the booklet for
Yxy(64.7932, 0.2844, 0.2822)
contains.

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Color

Yxy(64.7932, 0.2844, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	CFCFFA
RGB	207, 207, 250
RGB Percent	81%, 81%, 98%
CMY	0.1883, 0.1882, 0.0196
CMYK	0.17, 0.17, 0.00, 0.02
HSL	240°, 81%, 90%
HSV	240°, 17%, 98%
XYZ	65.2983, 64.7932, 99.5088
YIQ	211.9020, -13.8030, 13.3730

Conversions

Conversions Part 2

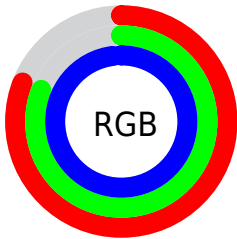
Format	Color
R _Y B	207, 207, 250
Decimal	13619194
CIE Lab	84.38, 8.53, -21.02
CIE LCh	84, 22.688, 292.082
Yxy	64.7932, 0.2844, 0.2822
Android (android.graphics.Color)	4291809274 (0xFFCFCFFA)
YUV	211.9020, 18.7823, -4.2991
Hunter-Lab	80.4942, 3.9374, -16.9497

Details

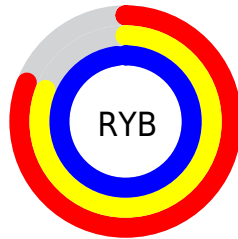
The Yxy color **64.7932, 0.2844, 0.2822** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.1926, 0.3387, 0.3719**, and the grayscale version is **65.6505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3081, 0.2776, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **50.3090, 0.2651, 0.2504**, and if you desaturate by 10%, it is **81.7694, 0.3016, 0.3107**.

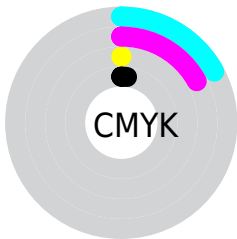
Distribution



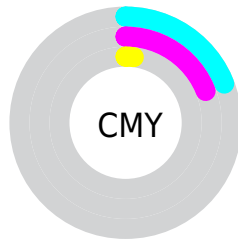
- Red (81%)
- Green (81%)
- Blue (98%)



- Red (81%)
- Yellow (81%)
- Blue (98%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7932, 0.2844, 0.2822 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 64.7932, 0.2844, 0.2822 by changing the saturation by 10% instead.

■ 64.7932, 0.2844,
0.2822

■ 64.7932, 0.2844,
0.2822

442.0484, 0.2978,
0.3038

■ 47.2934, 0.2813,
0.2773

111.7525, 0.2891,
0.2896

■ 33.2677, 0.2774,
0.2713

141.9808, 0.2909,
0.2926

■ 22.3316, 0.2724,
0.2638

177.2207, 0.2925,
0.2951

■ 14.1007, 0.2659,
0.2540

217.8566, 0.2938,
0.2972

■ 8.1908, 0.2569,
0.2408

264.2730, 0.2950,
0.2992

■ 4.2173, 0.2438,
0.2222

316.8541, 0.2960,

■ 1.7958, 0.2232,

0.3009

0.1944

375.9845, 0.2970,
0.3024

0.4846, 0.1877,
0.1360

0.0000, 0.0000,
0.0000

64.7932, 0.2844,
0.2822

64.7932, 0.2844,
0.2822

50.3090, 0.2651,
0.2504

81.7694, 0.3016,
0.3107

38.1920, 0.2442,
0.2158

99.6823, 0.3156,
0.3338

28.3188, 0.2225,
0.1799

20.5518, 0.2012,
0.1447

■ 14.7381, 0.1820,
0.1129

■ 10.7041, 0.1665,
0.0873

■ 8.2460, 0.1561,
0.0701

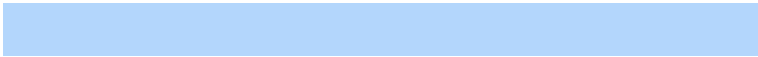
■ 7.1011, 0.1509,
0.0615

■ 6.9043, 0.1500,
0.0600

Harmonies

Analogous

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



64.7932, 0.2657, 0.2857



64.7932, 0.2844, 0.2822



64.7932, 0.3114, 0.2901

Triad

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



64.7932, 0.2844, 0.2822



64.7932, 0.3694, 0.3533



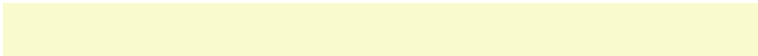
64.7932, 0.2851, 0.3520

Complementary

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



64.7932, 0.2844, 0.2822



93.1926, 0.3387, 0.3719

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.



64.7932, 0.3120, 0.3726



64.7932, 0.2844, 0.2822



64.7932, 0.3612, 0.3719

Square

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



64.7932, 0.2844, 0.2822



64.7932, 0.3615, 0.3299



64.7932, 0.3400, 0.3797



64.7932, 0.2661, 0.3251

Rectangle

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



64.7932, 0.2844, 0.2822



64.7932, 0.3307, 0.3007



64.7932, 0.3400, 0.3797



64.7932, 0.2935, 0.3600

Sweetspot

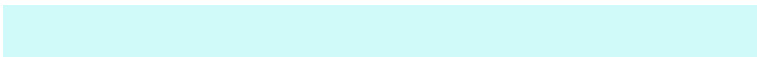
The Sweet Spot groups the original color and five complimentary colors.



64.7959, 0.2844, 0.2822



89.7975, 0.3051, 0.3165



88.4948, 0.2871, 0.3297



18.9253, 0.3040, 0.3146



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.



64.7959, 0.2844, 0.2822



61.6925, 0.2773, 0.2704



67.9822, 0.2988, 0.2841



16.6441, 0.2979, 0.3045



3.6626, 0.1500, 0.0600



0.3396, 0.1500, 0.0601

Inverse Universe

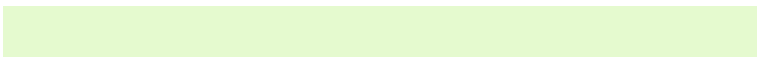
The Inverse Universe completely reimagines the original color for something new.



69.4517, 0.3459, 0.3291



67.4826, 0.3552, 0.3291



89.5711, 0.3248, 0.3738



17.2253, 0.3294, 0.3290



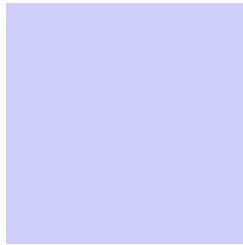
10.7806, 0.6400, 0.3299



0.9985, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 64.7932, 0.2844, 0.2822 looks on a white background.

Color Contrast Check

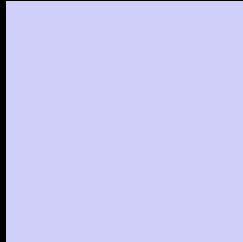
Large Text (above 18pt) WCAG AA × Fail

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 64.7932, 0.2844, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

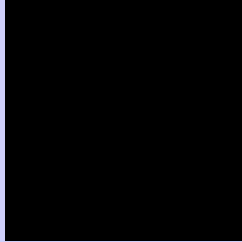
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7932, 0.2844, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 64.7932, 0.2844, 0.2822.

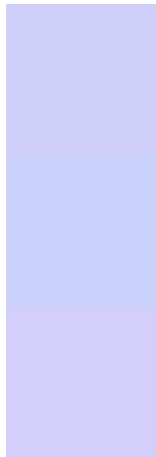


This preview shows how white text looks on a background with the Yxy color 64.7932, 0.2844, 0.2822.

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

64.7932, 0.2844, 0.2822

Protanopia

65.1225, 0.2806, 0.2830

Deuteranopia

64.8936, 0.2871, 0.2815



Tritanopia

64.8865, 0.2956, 0.3098

Trichromacy



Original Color

64.7932, 0.2844, 0.2822

Protanomaly

64.9142, 0.2818, 0.2820

Deuteranomaly

64.7464, 0.2864, 0.2814

Tritanomaly

64.9867, 0.2912, 0.3000

Monochromacy



Original Color

64.7932, 0.2844, 0.2822

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2858, 0.3019, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7932, 0.2844, 0.2822 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(207, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 250)  
}
```

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(207, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 250) }
```

Border

The CSS property to change the border of an element to Yxy 64.7932, 0.2844, 0.2822 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(207, 207, 250) }
```

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

```
.border{ border-color:rgb(207, 207, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 250);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7932, 0.2844, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 250) }
```

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

```
.background{ background-color: rgb(207,  
207, 250) }
```

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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