

Converting Colors

Yxy(65.2172, 0.2349, 0.1984)

Have a look what the booklet for
Yxy(65.2172, 0.2349, 0.1984)
contains.

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Color

Yxy(58.8420, 0.2752, 0.2640)

Conversions

Conversions Part 1

Format	Color
Hex	C7C4FF
RGB	199, 196, 255
RGB Percent	78%, 77%, 100%
CMY	0.2196, 0.2313, 0.0001
CMYK	0.22, 0.23, 0.00, 0.00
HSL	243°, 100%, 88%
HSV	243°, 23%, 100%
XYZ	61.3383, 58.8420, 102.7060
YIQ	203.6230, -17.1510, 18.9850

Conversions

Conversions Part 2

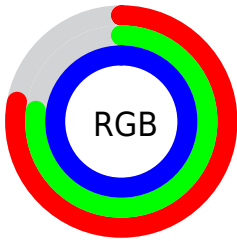
Format	Color
RYB	199, 196, 255
Decimal	13092095
CIELab	81.20, 13.10, -28.55
CIElCh	81, 31.411, 294.645
Yxy	58.8420, 0.2752, 0.2640
Android (android.graphics.Color)	4291282175 (0xFFC7C4FF)
YUV	203.6230, 25.3289, -4.0544
Hunter-Lab	76.7085, 8.4937, -25.6882

Details

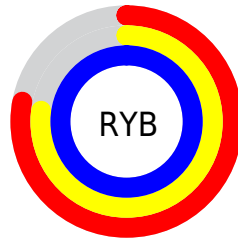
The Yxy color **58.8420, 0.2752, 0.2640** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.1786, 0.3458, 0.3873**, and the grayscale version is **59.9796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.3525, 0.2655, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **45.2504, 0.2558, 0.2308**, and if you desaturate by 10%, it is **74.9194, 0.2928, 0.2943**.

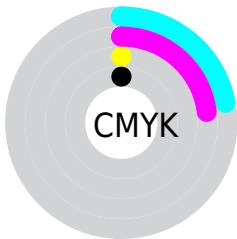
Distribution



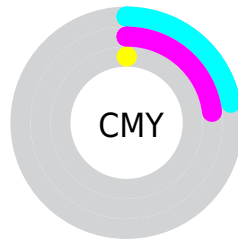
- Red (78%)
- Green (77%)
- Blue (100%)



- Red (78%)
- Yellow (77%)
- Blue (100%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8420, 0.2752, 0.2640 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 58.8420, 0.2752, 0.2640 by changing the saturation by 10% instead.

■ 58.8420, 0.2752,
0.2640

■ 58.8420, 0.2752,
0.2640

■ 420.3161, 0.2932,
0.2940

■ 42.4859, 0.2709,
0.2572

■ 103.1480, 0.2816,
0.2744

■ 29.4820, 0.2656,
0.2489

■ 131.8667, 0.2840,
0.2784

■ 19.4457, 0.2588,
0.2385

■ 165.4751, 0.2861,
0.2819

■ 11.9928, 0.2498,
0.2250

■ 204.3576, 0.2879,
0.2849

■ 6.7388, 0.2373,
0.2071

■ 248.8985, 0.2895,
0.2876

■ 3.2993, 0.2192,
0.1822

■ 299.4824, 0.2909,

■ 1.2899, 0.1910,

0.2900

0.1462

356.4934, 0.2921,
0.2921

0.1334, 0.1368,
0.0408

0.0000, 0.0000,
0.0000

58.8420, 0.2752,
0.2640

58.8420, 0.2752,
0.2640

45.2504, 0.2558,
0.2308

74.9194, 0.2928,
0.2943

34.0139, 0.2350,
0.1956

93.5903, 0.3083,
0.3213

25.0006, 0.2139,
0.1602

99.9981, 0.3127,
0.3290

18.0628, 0.1937,
0.1270

■ 13.0348, 0.1761,
0.0986

■ 9.7258, 0.1627,
0.0775

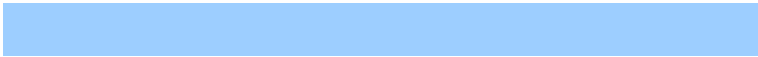
■ 7.9052, 0.1542,
0.0649

■ 7.3031, 0.1511,
0.0606

Harmonies

Analogous

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



58.8420, 0.2482, 0.2667



58.8420, 0.2752, 0.2640



58.8420, 0.3138, 0.2764

Triad

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



58.8420, 0.2752, 0.2640



58.8420, 0.3938, 0.3648



58.8420, 0.2703, 0.3590

Complementary

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



58.8420, 0.2752, 0.2640



96.1786, 0.3458, 0.3873

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.



58.8420, 0.3075, 0.3909



58.8420, 0.2752, 0.2640



58.8420, 0.3796, 0.3912

Square

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



58.8420, 0.2752, 0.2640



58.8420, 0.3847, 0.3321



58.8420, 0.3476, 0.4023



58.8420, 0.2454, 0.3191

Rectangle

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



58.8420, 0.2752, 0.2640



58.8420, 0.3416, 0.2915



58.8420, 0.3476, 0.4023



58.8420, 0.2817, 0.3713

Sweetspot

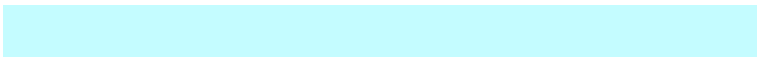
The Sweet Spot groups the original color and five complimentary colors.



58.8444, 0.2752, 0.2640



86.0619, 0.3025, 0.3112



88.5897, 0.2781, 0.3258



18.1767, 0.3016, 0.3096



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.



58.8444, 0.2752, 0.2640



51.9276, 0.2659, 0.2481



63.2681, 0.2959, 0.2677



17.4217, 0.2986, 0.3045



3.8352, 0.1515, 0.0608



0.3882, 0.1550, 0.0628

Inverse Universe

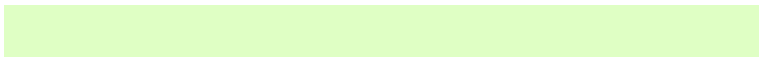
The Inverse Universe completely reimagines the original color for something new.



67.7657, 0.3176, 0.2740



62.3641, 0.3187, 0.2623



91.1020, 0.3263, 0.3911



18.2835, 0.3146, 0.3068



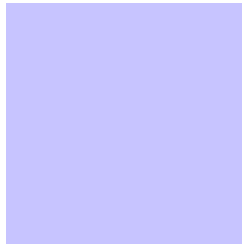
14.4678, 0.3341, 0.1614



1.4134, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 58.8420, 0.2752, 0.2640 looks on a white background.

Color Contrast Check

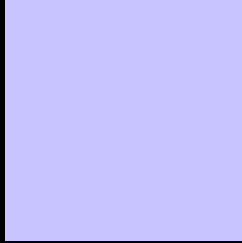
Large Text (above 18pt) WCAG AA × Fail

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 58.8420, 0.2752, 0.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

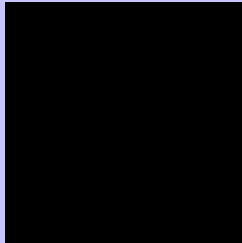
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8420, 0.2752, 0.2640

Background



This preview shows how black text looks on a background with the Yxy color 58.8420, 0.2752, 0.2640.



This preview shows how white text looks on a background with the Yxy color 58.8420, 0.2752, 0.2640.

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

58.8420, 0.2752, 0.2640

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

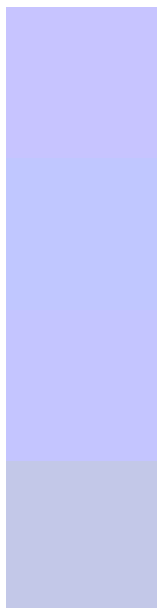
59.0775, 0.2720, 0.2656



Tritanopia

59.0328, 0.2935, 0.3101

Trichromacy



Original Color

58.8420, 0.2752, 0.2640

Protanomaly

59.2733, 0.2708, 0.2666

Deuteranomaly

58.8883, 0.2732, 0.2647

Tritanomaly

58.7369, 0.2870, 0.2921

Monochromacy



Original Color

58.8420, 0.2752, 0.2640

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6576, 0.2981, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8420, 0.2752, 0.2640 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(199, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 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(199, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.8420, 0.2752, 0.2640 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(199, 196, 255) }
```

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

```
.border{ border-color:rgb(199, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8420, 0.2752, 0.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 255) }
```

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

```
.background{ background-color: rgb(199,  
196, 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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