

Converting Colors

$Yxy(63.0238, 0.2473, 0.2192)$

Have a look what the booklet for
Yxy(63.0238, 0.2473, 0.2192)
contains.

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Color

Yxy(59.2946, 0.2753, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	C7C5FF
RGB	199, 197, 255
RGB Percent	78%, 77%, 100%
CMY	0.2194, 0.2275, 0.0000
CMYK	0.22, 0.23, 0.00, 0.00
HSL	242°, 100%, 89%
HSV	242°, 23%, 100%
XYZ	61.5760, 59.2946, 102.7982
YIQ	204.2100, -17.4260, 18.4620

Conversions

Conversions Part 2

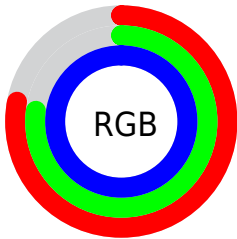
Format	Color
RYB	199, 197, 255
Decimal	13092351
CIELab	81.45, 12.58, -28.18
CIELCh	81, 30.862, 294.063
Yxy	59.2946, 0.2753, 0.2651
Android (android.graphics.Color)	4291282431 (0xFFC7C5FF)
YUV	204.2100, 25.0395, -4.5692
Hunter-Lab	77.0030, 7.9836, -25.2494

Details

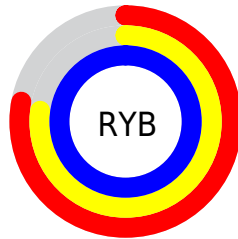
The Yxy color **59.2946, 0.2753, 0.2651** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.4162, 0.3458, 0.3863**, and the grayscale version is **60.3749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.6514, 0.2656, 0.2499** is the 20% darker color. If you saturate the color by 10%, you get **45.5823, 0.2557, 0.2319**, and if you desaturate by 10%, it is **75.5140, 0.2931, 0.2954**.

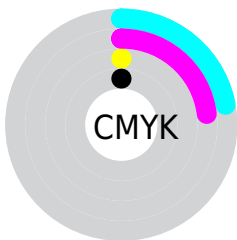
Distribution



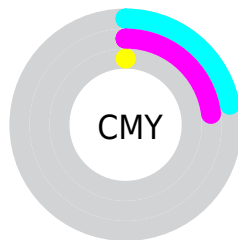
- Red (78%)
- Green (77%)
- Blue (100%)



- 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 59.2946, 0.2753, 0.2651 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 59.2946, 0.2753, 0.2651 by changing the saturation by 10% instead.

■ 59.2946, 0.2753,
0.2651

■ 59.2946, 0.2753,
0.2651

421.9928, 0.2933,
0.2946

■ 42.8503, 0.2711,
0.2584

103.8057, 0.2816,
0.2753

■ 29.7677, 0.2658,
0.2503

132.6413, 0.2841,
0.2792

■ 19.6623, 0.2590,
0.2400

166.3762, 0.2862,
0.2827

■ 12.1498, 0.2501,
0.2267

205.3947, 0.2880,
0.2857

■ 6.8458, 0.2377,
0.2091

250.0812, 0.2895,
0.2883

■ 3.3659, 0.2198,
0.1846

300.8201, 0.2909,

■ 1.3256, 0.1919,

0.2906

0.1491

357.9958, 0.2922,
0.2927

0.1609, 0.1388,
0.0485

0.0000, 0.0000,
0.0000

59.2946, 0.2753,
0.2651

59.2946, 0.2753,
0.2651

45.5823, 0.2557,
0.2319

75.5140, 0.2931,
0.2954

34.2454, 0.2347,
0.1966

94.3492, 0.3088,
0.3222

25.1509, 0.2134,
0.1611

99.9994, 0.3127,
0.3290

18.1500, 0.1931,
0.1276

■ 13.0759, 0.1755,
0.0989

■ 9.7364, 0.1621,
0.0776

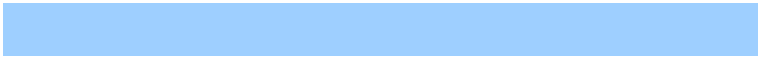
■ 7.8995, 0.1538,
0.0649

■ 7.2775, 0.1507,
0.0604

Harmonies

Analogous

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



59.2946, 0.2490, 0.2681



59.2946, 0.2753, 0.2651



59.2946, 0.3131, 0.2770

Triad

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



59.2946, 0.2753, 0.2651



59.2946, 0.3922, 0.3636



59.2946, 0.2718, 0.3591

Complementary

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



59.2946, 0.2753, 0.2651



96.4162, 0.3458, 0.3863

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.



59.2946, 0.3084, 0.3900



59.2946, 0.2753, 0.2651



59.2946, 0.3788, 0.3896

Square

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



59.2946, 0.2753, 0.2651



59.2946, 0.3828, 0.3315



59.2946, 0.3477, 0.4008



59.2946, 0.2470, 0.3201

Rectangle

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



59.2946, 0.2753, 0.2651



59.2946, 0.3402, 0.2917



59.2946, 0.3477, 0.4008



59.2946, 0.2831, 0.3710

Sweetspot

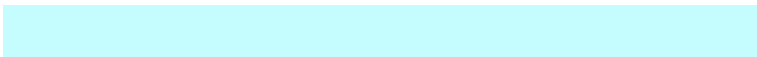
The Sweet Spot groups the original color and five complimentary colors.



59.2970, 0.2753, 0.2651



86.0145, 0.3023, 0.3112



89.3754, 0.2787, 0.3269



18.1658, 0.3014, 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.



59.2970, 0.2753, 0.2651



53.1667, 0.2671, 0.2513



63.6307, 0.2955, 0.2687



17.4084, 0.2984, 0.3044



3.8162, 0.1510, 0.0606



0.3819, 0.1535, 0.0619

Inverse Universe

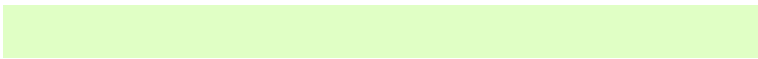
The Inverse Universe completely reimagines the original color for something new.



68.2758, 0.3168, 0.2741



63.5053, 0.3177, 0.2637



91.4014, 0.3267, 0.3899



18.2886, 0.3144, 0.3064



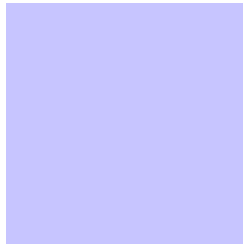
14.5901, 0.3300, 0.1591



1.4239, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 59.2946, 0.2753, 0.2651 looks on a white background.

Color Contrast Check

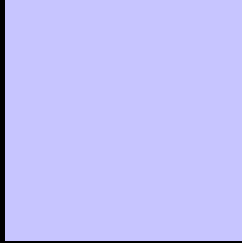
Large Text (above 18pt) WCAG AA × Fail

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 59.2946, 0.2753, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

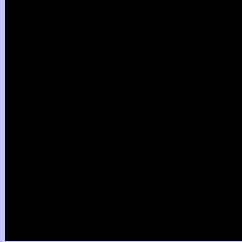
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2946, 0.2753, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 59.2946, 0.2753, 0.2651.



This preview shows how white text looks on a background with the Yxy color 59.2946, 0.2753, 0.2651.

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

59.2946, 0.2753, 0.2651

Protanopia

59.3474, 0.2689, 0.2674

Deuteranopia

59.2103, 0.2727, 0.2658



Tritanopia

59.0856, 0.2929, 0.3089

Trichromacy



Original Color

59.2946, 0.2753, 0.2651

Protanomaly

59.4043, 0.2714, 0.2667

Deuteranomaly

59.3439, 0.2733, 0.2659

Tritanomaly

59.2586, 0.2865, 0.2922

Monochromacy



Original Color

59.2946, 0.2753, 0.2651

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 59.2946, 0.2753, 0.2651 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, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 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, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.2946, 0.2753, 0.2651 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, 197, 255) }
```

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

```
.border{ border-color:rgb(199, 197, 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, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 197, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 197, 255); box-shadow:4px 4px 4px 4px rgb(199, 197, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2946, 0.2753, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 255) }
```

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

```
.background{ background-color: rgb(199,  
197, 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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