

Converting Colors

$Yxy(59.8268, 0.2650, 0.2544)$

Have a look what the booklet for
Yxy(59.8268, 0.2650, 0.2544)
contains.

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Color

Yxy(58.9456, 0.2713, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	C1C6FF
RGB	193, 198, 255
RGB Percent	76%, 78%, 100%
CMY	0.2433, 0.2235, 0.0000
CMYK	0.24, 0.22, 0.00, 0.00
HSL	235°, 100%, 88%
HSV	235°, 24%, 100%
XYZ	60.2333, 58.9456, 102.8384
YIQ	203.0030, -21.2770, 16.6670

Conversions

Conversions Part 2

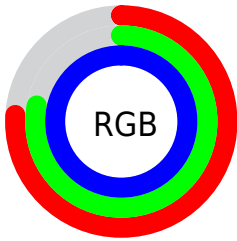
Format	Color
RYB	193, 198, 255
Decimal	12699391
CIELab	81.26, 10.24, -28.54
CIElCh	81, 30.318, 289.744
Yxy	58.9456, 0.2713, 0.2655
Android (android.graphics.Color)	4290889471 (0xFFC1C6FF)
YUV	203.0030, 25.6345, -8.7726
Hunter-Lab	76.7760, 5.6810, -25.6734

Details

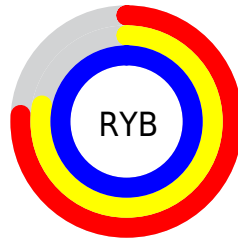
The Yxy color **58.9456, 0.2713, 0.2655** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.4512, 0.3507, 0.3854**, and the grayscale version is **59.5655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **29.4270, 0.2607, 0.2503** is the 20% darker color. If you saturate the color by 10%, you get **45.9847, 0.2514, 0.2344**, and if you desaturate by 10%, it is **74.1407, 0.2897, 0.2939**.

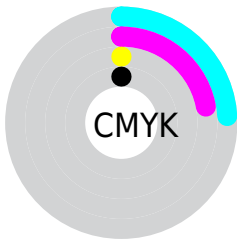
Distribution



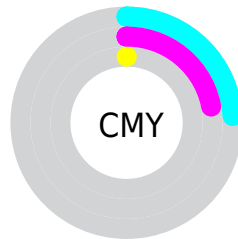
- Red (76%)
- Green (78%)
- Blue (100%)



- Red (76%)
- Yellow (78%)
- Blue (100%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9456, 0.2713, 0.2655 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 58.9456, 0.2713, 0.2655 by changing the saturation by 10% instead.

■ 58.9456, 0.2713,
0.2655

■ 58.9456, 0.2713,
0.2655

420.7003, 0.2911,
0.2949

■ 42.5693, 0.2667,
0.2588

■ 103.2986, 0.2783,
0.2757

■ 29.5474, 0.2609,
0.2506

132.0441, 0.2810,
0.2796

■ 19.4953, 0.2535,
0.2403

165.6815, 0.2833,
0.2831

■ 12.0287, 0.2437,
0.2270

204.5951, 0.2852,
0.2860

■ 6.7632, 0.2303,
0.2092

249.1695, 0.2870,
0.2887

■ 3.3145, 0.2110,
0.1844

299.7888, 0.2885,

■ 1.2980, 0.1812,

0.2910

0.1483

356.8376, 0.2899,
0.2930

0.1397, 0.1189,
0.0434

0.0000, 0.0000,
0.0000

58.9456, 0.2713,
0.2655

58.9456, 0.2713,
0.2655

45.9847, 0.2514,
0.2344

74.1407, 0.2897,
0.2939

35.1521, 0.2306,
0.2012

91.6681, 0.3062,
0.3191

26.3338, 0.2098,
0.1674

100.0000, 0.3127,
0.3290

19.4050, 0.1903,
0.1351

■ 14.2270, 0.1737,
0.1065

■ 10.6420, 0.1612,
0.0840

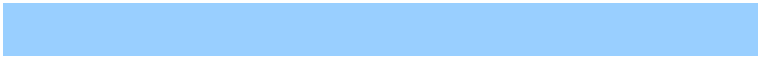
■ 8.4629, 0.1535,
0.0691

■ 7.7469, 0.1511,
0.0639

Harmonies

Analogous

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



58.9456, 0.2475, 0.2707



58.9456, 0.2713, 0.2655



58.9456, 0.3073, 0.2752

Triad

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



58.9456, 0.2713, 0.2655



58.9456, 0.3910, 0.3587



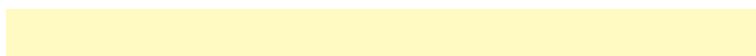
58.9456, 0.2771, 0.3638

Complementary

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



58.9456, 0.2713, 0.2655



93.4512, 0.3507, 0.3854

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.



58.9456, 0.3142, 0.3919



58.9456, 0.2713, 0.2655



58.9456, 0.3810, 0.3857

Square

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



58.9456, 0.2713, 0.2655



58.9456, 0.3785, 0.3269



58.9456, 0.3523, 0.3992



58.9456, 0.2506, 0.3257

Rectangle

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



58.9456, 0.2713, 0.2655



58.9456, 0.3341, 0.2887



58.9456, 0.3523, 0.3992



58.9456, 0.2887, 0.3750

Sweetspot

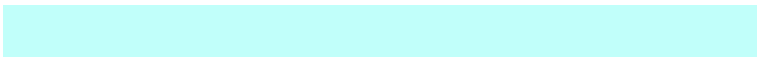
The Sweet Spot groups the original color and five complimentary colors.



58.9458, 0.2713, 0.2655



86.7506, 0.3019, 0.3127



89.7443, 0.2793, 0.3344



18.3355, 0.3010, 0.3112



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.



58.9458, 0.2713, 0.2655



52.6182, 0.2622, 0.2513



60.3752, 0.2889, 0.2632



17.6150, 0.2979, 0.3064



4.1302, 0.1514, 0.0651



0.4799, 0.1545, 0.0761

Inverse Universe

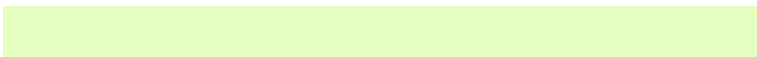
The Inverse Universe completely reimagines the original color for something new.



63.4619, 0.3598, 0.3239



57.9187, 0.3721, 0.3229



92.0517, 0.3324, 0.3936



18.0110, 0.3282, 0.3271



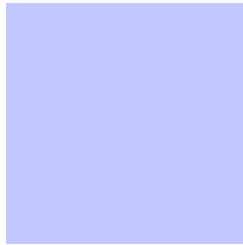
11.1449, 0.6315, 0.3252



1.0930, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 58.9456, 0.2713, 0.2655 looks on a white background.

Color Contrast Check

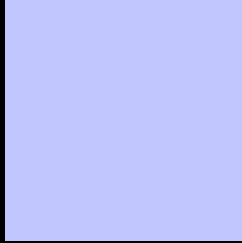
Large Text (above 18pt) WCAG AA × Fail

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 58.9456, 0.2713, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

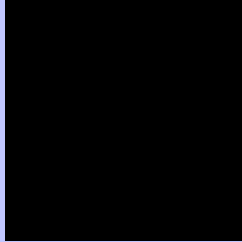
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9456, 0.2713, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 58.9456, 0.2713, 0.2655.



This preview shows how white text looks on a background with the Yxy color 58.9456, 0.2713, 0.2655.

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

58.9456, 0.2713, 0.2655

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

59.0775, 0.2720, 0.2656



Tritanopia

58.7921, 0.2886, 0.3099

Trichromacy



Original Color

58.9456, 0.2713, 0.2655

Protanomaly

59.0140, 0.2695, 0.2663

Deuteranomaly

59.0775, 0.2720, 0.2656

Tritanomaly

58.9431, 0.2823, 0.2929

Monochromacy



Original Color

58.9456, 0.2713, 0.2655

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1893, 0.2966, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9456, 0.2713, 0.2655 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(193, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 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(193, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.9456, 0.2713, 0.2655 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(193, 198, 255) }
```

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

```
.border{ border-color:rgb(193, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9456, 0.2713, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 255) }
```

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

```
.background{ background-color: rgb(193,  
198, 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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