

Converting Colors

$Yxy(59.3553, 0.2752, 0.2673)$

Have a look what the booklet for
Yxy(59.3553, 0.2752, 0.2673)
contains.

Yxy(59.4142, 0.2746, 0.2670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.4142, 0.2746, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6FE
RGB	197, 198, 254
RGB Percent	77%, 78%, 100%
CMY	0.2275, 0.2235, 0.0040
CMYK	0.22, 0.22, 0.00, 0.00
HSL	239°, 97%, 88%
HSV	239°, 22%, 100%
XYZ	61.1054, 59.4142, 102.0055
YIQ	204.0850, -18.5720, 17.2040

Conversions

Conversions Part 2

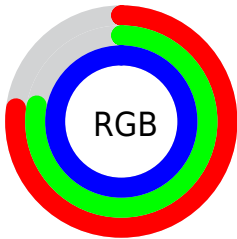
Format	Color
R_{YB}	197, 198, 254
Decimal	12961534
CIE _{Lab}	81.52, 11.20, -27.56
CIE _{LCh}	82, 29.749, 292.109
Yxy	59.4142, 0.2746, 0.2670
Android (android.graphics.Color)	4291151614 (0xFFC5C6FE)
YUV	204.0850, 24.6081, -6.2135
Hunter-Lab	77.0806, 6.6142, -24.5057

Details

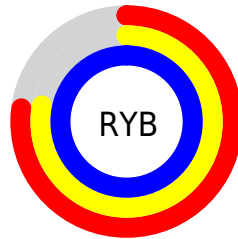
The Yxy color **59.4142, 0.2746, 0.2670** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.3318, 0.3469, 0.3843**, and the grayscale version is **60.2906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **29.7285, 0.2648, 0.2523** is the 20% darker color. If you saturate the color by 10%, you get **45.7918, 0.2545, 0.2342**, and if you desaturate by 10%, it is **75.4968, 0.2929, 0.2968**.

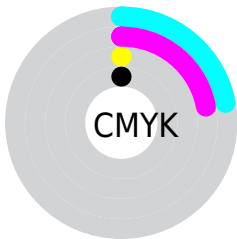
Distribution



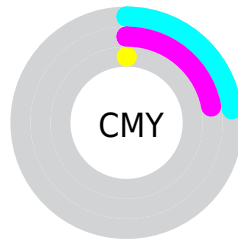
- Red (77%)
- Green (78%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4142, 0.2746, 0.2670 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 59.4142, 0.2746, 0.2670 by changing the saturation by 10% instead.

■ 59.4142, 0.2746,
0.2670

■ 59.4142, 0.2746,
0.2670

422.4352, 0.2929,
0.2957

■ 42.9466, 0.2703,
0.2605

103.9794, 0.2810,
0.2769

■ 29.8433, 0.2650,
0.2525

132.8459, 0.2835,
0.2808

■ 19.7196, 0.2581,
0.2425

166.6141, 0.2856,
0.2841

■ 12.1914, 0.2490,
0.2295

205.6684, 0.2875,
0.2870

■ 6.8742, 0.2365,
0.2121

250.3933, 0.2891,
0.2896

■ 3.3835, 0.2184,
0.1880

301.1731, 0.2905,

■ 1.3351, 0.1903,

0.2918

0.1527

358.3923, 0.2917,
0.2939

0.1681, 0.1343,
0.0521

0.0000, 0.0000,
0.0000

59.4142, 0.2746,
0.2670

59.4142, 0.2746,
0.2670

45.7918, 0.2545,
0.2342

75.4968, 0.2929,
0.2968

34.5016, 0.2332,
0.1992

94.1448, 0.3091,
0.3231

25.4151, 0.2117,
0.1638

99.9352, 0.3133,
0.3300

18.3883, 0.1913,
0.1301

■ 13.2602, 0.1739,
0.1011

■ 9.8462, 0.1609,
0.0791

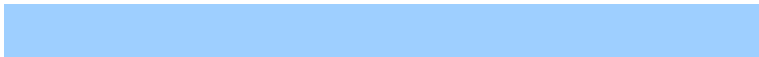
■ 7.9245, 0.1530,
0.0656

■ 7.2540, 0.1502,
0.0608

Harmonies

Analogous

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



59.4142, 0.2501, 0.2710



59.4142, 0.2746, 0.2670



59.4142, 0.3106, 0.2776

Triad

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



59.4142, 0.2746, 0.2670



59.4142, 0.3894, 0.3606



59.4142, 0.2753, 0.3603

Complementary

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



59.4142, 0.2746, 0.2670



95.3318, 0.3469, 0.3843

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.



59.4142, 0.3111, 0.3890



59.4142, 0.2746, 0.2670



59.4142, 0.3779, 0.3862

Square

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



59.4142, 0.2746, 0.2670



59.4142, 0.3788, 0.3294



59.4142, 0.3488, 0.3980



59.4142, 0.2504, 0.3229

Rectangle

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



59.4142, 0.2746, 0.2670



59.4142, 0.3368, 0.2914



59.4142, 0.3488, 0.3980



59.4142, 0.2864, 0.3715

Sweetspot

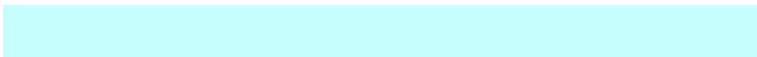
The Sweet Spot groups the original color and five complimentary colors.



59.4166, 0.2746, 0.2670



86.0911, 0.3019, 0.3115



89.7812, 0.2803, 0.3309



18.1835, 0.3010, 0.3099



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.



59.4166, 0.2746, 0.2670



53.3815, 0.2656, 0.2524



62.8643, 0.2931, 0.2691



17.4298, 0.2978, 0.3048



3.8470, 0.1503, 0.0611



0.3921, 0.1510, 0.0636

Inverse Universe

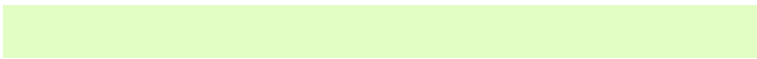
The Inverse Universe completely reimagines the original color for something new.



65.0742, 0.3581, 0.3281



60.0454, 0.3705, 0.3279



91.3035, 0.3290, 0.3885



17.9923, 0.3292, 0.3286



11.1163, 0.6383, 0.3290



1.0841, 0.6339, 0.3266

Previews

White Background



This preview shows how the Yxy color 59.4142, 0.2746, 0.2670 looks on a white background.

Color Contrast Check

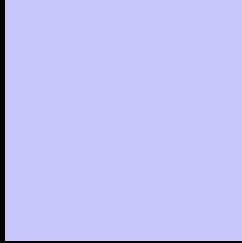
Large Text (above 18pt) WCAG AA × Fail

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 59.4142, 0.2746, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

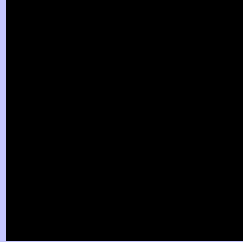
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4142, 0.2746, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 59.4142, 0.2746, 0.2670.



This preview shows how white text looks on a background with the Yxy color 59.4142, 0.2746, 0.2670.

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

59.4142, 0.2746, 0.2670

Protanopia

59.3474, 0.2689, 0.2674

Deuteranopia

59.2797, 0.2739, 0.2669



Tritanopia

59.4294, 0.2922, 0.3101

Trichromacy



Original Color

59.4142, 0.2746, 0.2670

Protanomaly

59.2733, 0.2708, 0.2666

Deuteranomaly

59.2797, 0.2739, 0.2669

Tritanomaly

59.4047, 0.2857, 0.2943

Monochromacy



Original Color

59.4142, 0.2746, 0.2670

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9325, 0.2980, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4142, 0.2746, 0.2670 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(197, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 254)  
}
```

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(197, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 254) }
```

Border

The CSS property to change the border of an element to Yxy 59.4142, 0.2746, 0.2670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

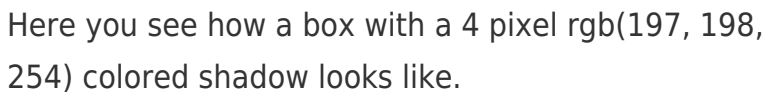
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 198, 254) }
```

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

```
.border{ border-color:rgb(197, 198, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 198, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 198, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 198, 254); box-shadow:4px 4px 4px 4px rgb(197, 198, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4142, 0.2746, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 254) }
```

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

```
.background{ background-color: rgb(197,  
198, 254) }
```

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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