

Converting Colors

$Yxy(59.7843, 0.2754, 0.2672)$

Have a look what the booklet for
Yxy(59.7843, 0.2754, 0.2672)
contains.

Yxy(59.5497, 0.2753, 0.2671)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.5497, 0.2753, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6FE
RGB	198, 198, 254
RGB Percent	78%, 78%, 100%
CMY	0.2234, 0.2235, 0.0039
CMYK	0.22, 0.22, 0.00, 0.00
HSL	240°, 97%, 89%
HSV	240°, 22%, 100%
XYZ	61.3779, 59.5497, 102.0215
YIQ	204.3840, -17.9760, 17.4160

Conversions

Conversions Part 2

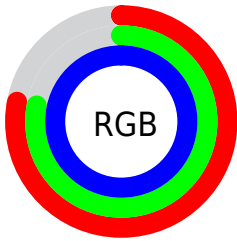
Format	Color
RYB	198, 198, 254
Decimal	13027070
CIELab	81.59, 11.52, -27.44
CIELCh	82, 29.763, 292.767
Yxy	59.5497, 0.2753, 0.2671
Android (android.graphics.Color)	4291217150 (0xFFC6C6FE)
YUV	204.3840, 24.4607, -5.5988
Hunter-Lab	77.1685, 6.9297, -24.3672

Details

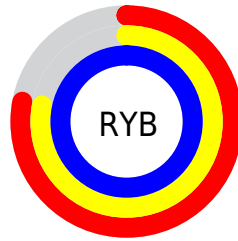
The Yxy color $59.5497, 0.2753, 0.2671$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.0213, 0.3461, 0.3842$, and the grayscale version is $60.4940, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $29.8174, 0.2657, 0.2524$ is the 20% darker color. If you saturate the color by 10%, you get $45.7326, 0.2552, 0.2338$, and if you desaturate by 10%, it is $75.8965, 0.2935, 0.2973$.

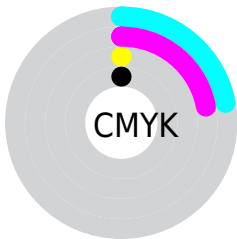
Distribution



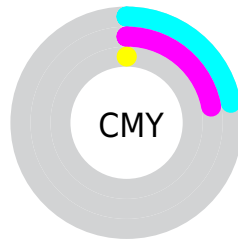
- Red (78%)
- Green (78%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5497, 0.2753, 0.2671 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 59.5497, 0.2753, 0.2671 by changing the saturation by 10% instead.

■ 59.5497, 0.2753,
0.2671

■ 59.5497, 0.2753,
0.2671

422.9360, 0.2932,
0.2957

■ 43.0558, 0.2711,
0.2606

104.1762, 0.2816,
0.2770

■ 29.9289, 0.2658,
0.2527

133.0775, 0.2841,
0.2808

■ 19.7846, 0.2591,
0.2427

166.8835, 0.2861,
0.2842

■ 12.2386, 0.2502,
0.2297

205.9784, 0.2879,
0.2871

■ 6.9064, 0.2379,
0.2124

250.7467, 0.2895,
0.2896

■ 3.4036, 0.2200,
0.1884

301.5728, 0.2909,

■ 1.3459, 0.1923,

0.2919

0.1533

358.8411, 0.2921,
0.2939

0.1763, 0.1381,
0.0543

0.0000, 0.0000,
0.0000

59.5497, 0.2753,
0.2671

59.5497, 0.2753,
0.2671

45.7326, 0.2552,
0.2338

75.8965, 0.2935,
0.2973

34.3122, 0.2337,
0.1983

94.8828, 0.3097,
0.3240

25.1542, 0.2120,
0.1624

99.9355, 0.3133,
0.3300

18.1083, 0.1915,
0.1285

■ 13.0060, 0.1739,
0.0994

■ 9.6531, 0.1608,
0.0777

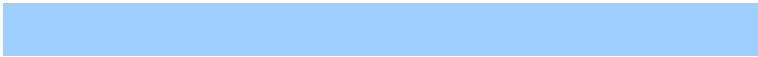
■ 7.8154, 0.1529,
0.0648

■ 7.1567, 0.1500,
0.0600

Harmonies

Analogous

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



59.5497, 0.2505, 0.2707



59.5497, 0.2753, 0.2671



59.5497, 0.3114, 0.2780

Triad

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



59.5497, 0.2753, 0.2671



59.5497, 0.3893, 0.3612



59.5497, 0.2747, 0.3595

Complementary

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



59.5497, 0.2753, 0.2671



96.0213, 0.3461, 0.3842

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.



59.5497, 0.3103, 0.3885



59.5497, 0.2753, 0.2671



59.5497, 0.3774, 0.3866

Square

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



59.5497, 0.2753, 0.2671



59.5497, 0.3793, 0.3301



59.5497, 0.3480, 0.3980



59.5497, 0.2501, 0.3221

Rectangle

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



59.5497, 0.2753, 0.2671



59.5497, 0.3376, 0.2919



59.5497, 0.3480, 0.3980



59.5497, 0.2857, 0.3708

Sweetspot

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



59.5521, 0.2753, 0.2671



85.9078, 0.3020, 0.3112



90.0423, 0.2799, 0.3289



18.1412, 0.3010, 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.



59.5521, 0.2753, 0.2671



54.2727, 0.2675, 0.2543



63.7097, 0.2948, 0.2705



17.3784, 0.2978, 0.3044



3.7735, 0.1500, 0.0600



0.3676, 0.1501, 0.0600

Inverse Universe

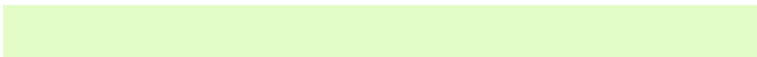
The Inverse Universe completely reimagines the original color for something new.



68.6093, 0.3153, 0.2740



64.7432, 0.3158, 0.2641



91.1267, 0.3275, 0.3876



18.3002, 0.3138, 0.3056



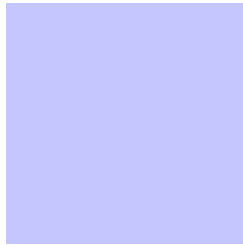
14.8755, 0.3211, 0.1543



1.4484, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 59.5497, 0.2753, 0.2671 looks on a white background.

Color Contrast Check

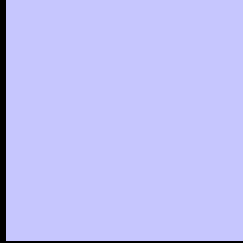
Large Text (above 18pt) WCAG AA × Fail

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 59.5497, 0.2753, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

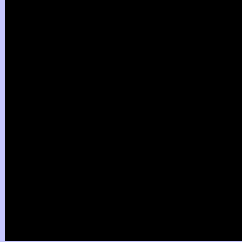
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5497, 0.2753, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 59.5497, 0.2753, 0.2671.

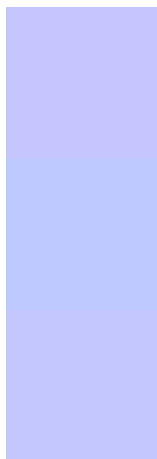


This preview shows how white text looks on a background with the Yxy color 59.5497, 0.2753, 0.2671.

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

59.5497, 0.2753, 0.2671

Protanopia

59.8121, 0.2690, 0.2685

Deuteranopia

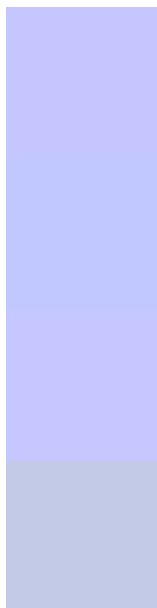
59.7384, 0.2740, 0.2680



Tritanopia

59.5595, 0.2929, 0.3101

Trichromacy



Original Color

59.5497, 0.2753, 0.2671

Protanomaly

59.7350, 0.2709, 0.2677

Deuteranomaly

59.8729, 0.2747, 0.2681

Tritanomaly

59.5366, 0.2864, 0.2944

Monochromacy



Original Color

59.5497, 0.2753, 0.2671

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0715, 0.2988, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5497, 0.2753, 0.2671 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(198, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 198, 254) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 59.5497, 0.2753, 0.2671 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(198, 198, 254) }
```

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

```
.border{ border-color:rgb(198, 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(198, 198, 254)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 59.5497, 0.2753, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(198,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor