

Converting Colors

$Y_{xy}(39.2683, 0.2595, 0.2157)$

Have a look what the booklet for
Yxy(39.2683, 0.2595, 0.2157)
contains.

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Color

Yxy(39.2683, 0.2595, 0.2157)

Conversions

Conversions Part 1

Format	Color
Hex	B399FA
RGB	179, 153, 250
RGB Percent	70%, 60%, 98%
CMY	0.2979, 0.4000, 0.0196
CMYK	0.28, 0.39, 0.00, 0.02
HSL	256°, 91%, 79%
HSV	256°, 39%, 98%
XYZ	47.2421, 39.2683, 95.5401
YIQ	171.8320, -15.6410, 35.6790

Conversions

Conversions Part 2

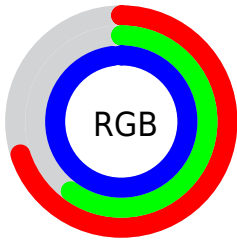
Format	Color
R _Y B	179, 153, 250
Decimal	11770362
CIE Lab	68.95, 29.92, -45.01
CIE LCh	69, 54.053, 303.613
Yxy	39.2683, 0.2595, 0.2157
Android (android.graphics.Color)	4289960442 (0xFFB399FA)
YUV	171.8320, 38.5368, 6.2863
Hunter-Lab	62.6644, 24.9067, -46.5303

Details

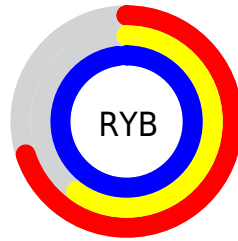
The Yxy color **39.2683, 0.2595, 0.2157** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **86.5212, 0.3528, 0.4320**, and the grayscale version is **40.9754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1646, 0.3013, 0.2812**, and **17.6381, 0.2440, 0.1897** is the 20% darker color. If you saturate the color by 10%, you get **29.8885, 0.2421, 0.1826**, and if you desaturate by 10%, it is **50.6546, 0.2756, 0.2481**.

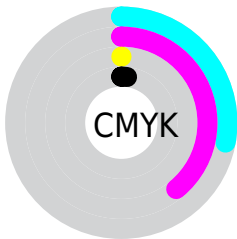
Distribution



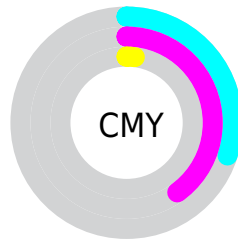
- Red (70%)
- Green (60%)
- Blue (98%)



- Red (70%)
- Yellow (60%)
- Blue (98%)



- Cyan (28%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)





- Cyan (30%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2683, 0.2595, 0.2157 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 39.2683, 0.2595, 0.2157 by changing the saturation by 10% instead.

 39.2683, 0.2595,
0.2157


 39.2683, 0.2595,
0.2157


343.0298, 0.2871,
0.2688

 26.9685, 0.2526,
0.2037


 74.0480, 0.2696,
0.2341

 17.5496, 0.2437,
0.1890


 97.2967, 0.2734,
0.2412

 10.6271, 0.2320,
0.1708


124.9639, 0.2766,
0.2474

 5.8167, 0.2162,
0.1478

157.4338, 0.2793,
0.2528

 2.7339, 0.1939,
0.1184

195.0910, 0.2816,
0.2575

 0.9945, 0.1611,
0.0812

238.3198, 0.2837,

 0.0000, 0.1137,

0.2617

0.0000

287.5046, 0.2855,
0.2654

0.0000, 0.0000,
0.0000

39.2683, 0.2595,
0.2157

39.2683, 0.2595,
0.2157

29.8885, 0.2421,
0.1826

50.6546, 0.2756,
0.2481

22.3914, 0.2241,
0.1505

64.1522, 0.2902,
0.2786

16.6463, 0.2065,
0.1214

79.8636, 0.3029,
0.3066

12.5034, 0.1903,
0.0973

97.8837, 0.3139,
0.3319

9.7862, 0.1766,
0.0798

99.6828, 0.3156,
0.3338

■ 8.2428, 0.1661,
0.0693

■ 8.0991, 0.1650,
0.0683

Harmonies

Analogous

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



39.2683, 0.2050, 0.2098



39.2683, 0.2595, 0.2157



39.2683, 0.3367, 0.2441

Triad

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



39.2683, 0.2595, 0.2157



39.2683, 0.4644, 0.4038



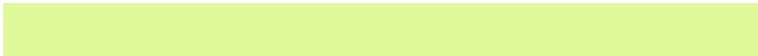
39.2683, 0.2138, 0.3629

Complementary

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



39.2683, 0.2595, 0.2157



86.5212, 0.3528, 0.4320

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.



39.2683, 0.2751, 0.4430



39.2683, 0.2595, 0.2157



39.2683, 0.4204, 0.4548

Square

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



39.2683, 0.2595, 0.2157



39.2683, 0.4650, 0.3455



39.2683, 0.3508, 0.4767



39.2683, 0.1810, 0.2822

Rectangle

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



39.2683, 0.2595, 0.2157



39.2683, 0.3914, 0.2731



39.2683, 0.3508, 0.4767



39.2683, 0.2315, 0.3921

Sweetspot

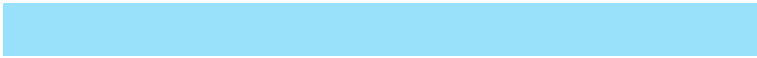
The Sweet Spot groups the original color and five complimentary colors.



39.2698, 0.2595, 0.2157



78.0048, 0.2990, 0.2979



67.0606, 0.2542, 0.2987



16.2288, 0.2974, 0.2943



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.



39.2698, 0.2595, 0.2157



32.8391, 0.2452, 0.1884



46.0746, 0.2982, 0.2273



16.8682, 0.3021, 0.3048



4.3555, 0.1664, 0.0690



0.4530, 0.1782, 0.0755

Inverse Universe

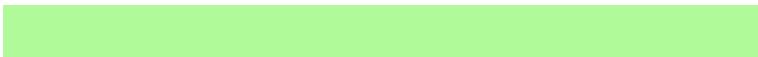
The Inverse Universe completely reimagines the original color for something new.



48.4868, 0.3396, 0.2562



43.9489, 0.3473, 0.2414



79.8646, 0.3207, 0.4434



17.4404, 0.3179, 0.3118



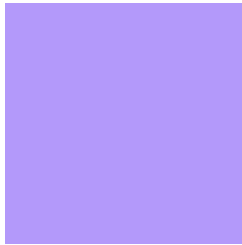
12.6174, 0.4030, 0.1994



1.1862, 0.3909, 0.1927

Previews

White Background



This preview shows how the Yxy color 39.2683, 0.2595, 0.2157 looks on a white background.

Color Contrast Check

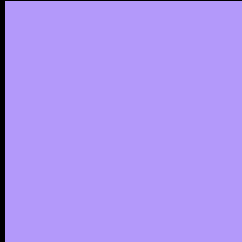
Large Text (above 18pt) WCAG AA × Fail

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 39.2683, 0.2595, 0.2157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

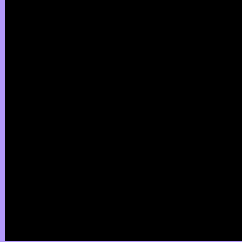
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2683, 0.2595, 0.2157

Background



This preview shows how black text looks on a background with the Yxy color 39.2683, 0.2595, 0.2157.



This preview shows how white text looks on a background with the Yxy color 39.2683, 0.2595, 0.2157.

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

39.2683, 0.2595, 0.2157

Protanopia

39.4486, 0.2307, 0.2176

Deuteranopia

39.5037, 0.2339, 0.2276



Tritanopia

39.4485, 0.3001, 0.3110

Trichromacy



Original Color

39.2683, 0.2595, 0.2157

Protanomaly

39.2570, 0.2400, 0.2170

Deuteranomaly

39.1973, 0.2423, 0.2228

Tritanomaly

39.3085, 0.2846, 0.2727

Monochromacy



Original Color

39.2683, 0.2595, 0.2157

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1944, 0.2927, 0.2831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2683, 0.2595, 0.2157 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(179, 153, 250)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 250)  
}
```

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(179, 153, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 250) }
```

Border

The CSS property to change the border of an element to Yxy 39.2683, 0.2595, 0.2157 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(179, 153, 250) }
```

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

```
.border{ border-color:rgb(179, 153, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 153, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 153, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 153, 250);  
box-shadow:4px 4px 4px 4px rgb(179, 153,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2683, 0.2595, 0.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 250) }
```

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

```
.background{ background-color: rgb(179,  
153, 250) }
```

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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