

Converting Colors

$Y_{xy}(39.8174, 0.2650, 0.2098)$

Have a look what the booklet for
Yxy(39.8174, 0.2650, 0.2098)
contains.

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Color

Yxy(39.7913, 0.2650, 0.2097)

Conversions

Conversions Part 1

Format	Color
Hex	BF95FF
RGB	191, 149, 255
RGB Percent	75%, 58%, 100%
CMY	0.2511, 0.4157, 0.0000
CMYK	0.25, 0.42, 0.00, 0.00
HSL	264°, 100%, 79%
HSV	264°, 42%, 100%
XYZ	50.2847, 39.7913, 99.6775
YIQ	173.6420, -8.9940, 41.8700

Conversions

Conversions Part 2

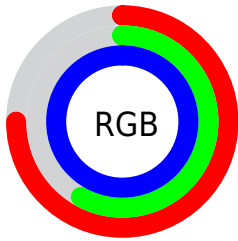
Format	Color
R_{YB}	191, 149, 255
Decimal	12555775
CIE _{Lab}	69.32, 36.63, -47.09
CIE _{LCh}	69, 59.661, 307.877
Yxy	39.7913, 0.2650, 0.2097
Android (android.graphics.Color)	4290745855 (0xFFBF95FF)
YUV	173.6420, 40.1095, 15.2230
Hunter-Lab	63.0803, 31.9011, -49.5319

Details

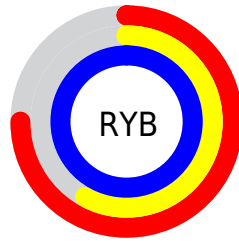
The Yxy color $39.7913, 0.2650, 0.2097$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $87.8402, 0.3462, 0.4431$, and the grayscale version is $41.9259, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.5455, 0.3107, 0.2785$, and $17.7775, 0.2501, 0.1818$ is the 20% darker color. If you saturate the color by 10%, you get $30.6921, 0.2501, 0.1785$, and if you desaturate by 10%, it is $50.8637, 0.2788, 0.2410$.

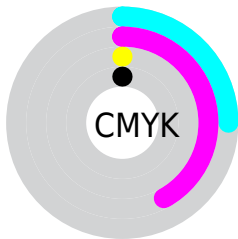
Distribution



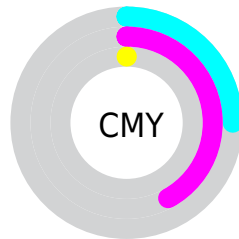
- Red (75%)
- Green (58%)
- Blue (100%)



- Red (75%)
- Yellow (58%)
- Blue (100%)



- Cyan (25%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7913, 0.2650, 0.2097 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 39.7913, 0.2650, 0.2097 by changing the saturation by 10% instead.

 39.7913, 0.2650,
0.2097


 39.7913, 0.2650,
0.2097


345.2431, 0.2901,
0.2648

 27.3759, 0.2586,
0.1974


 74.8456, 0.2742,
0.2286

 17.8557, 0.2505,
0.1826


 98.2533, 0.2777,
0.2360

 10.8464, 0.2397,
0.1643


126.0938, 0.2806,
0.2425

 5.9637, 0.2250,
0.1414

158.7516, 0.2830,
0.2481

 2.8230, 0.2042,
0.1125

196.6110, 0.2852,
0.2530

 1.0400, 0.1736,
0.0767

240.0565, 0.2870,


 0.0000, 0.1321,


0.2574


0.0000

289.4724, 0.2886,
0.2613

 0.0000, 0.0000,
0.0000


 39.7913, 0.2650,
0.2097


 39.7913, 0.2650,
0.2097

 30.6921, 0.2501,
0.1785


 50.8637, 0.2788,
0.2410


 23.4477, 0.2345,
0.1488


 64.0258, 0.2912,
0.2711


 17.9192, 0.2189,
0.1225


 79.3798, 0.3020,
0.2993

 13.9495, 0.2043,
0.1011

 97.0222, 0.3114,
0.3252

 11.3503, 0.1913,
0.0859

 100.0000, 0.3127,
0.3290

 9.9854, 0.1819,
0.0776

Harmonies

Analogous

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



39.7913, 0.2025, 0.1994



39.7913, 0.2650, 0.2097



39.7913, 0.3516, 0.2430

Triad

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



39.7913, 0.2650, 0.2097



39.7913, 0.4730, 0.4166



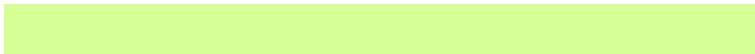
39.7913, 0.1977, 0.3518

Complementary

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



39.7913, 0.2650, 0.2097



87.8402, 0.3462, 0.4431

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.



39.7913, 0.2597, 0.4454



39.7913, 0.2650, 0.2097



39.7913, 0.4188, 0.4713

Square

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



39.7913, 0.2650, 0.2097



39.7913, 0.4829, 0.3539



39.7913, 0.3408, 0.4912



39.7913, 0.1680, 0.2665

Rectangle

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



39.7913, 0.2650, 0.2097



39.7913, 0.4109, 0.2755



39.7913, 0.3408, 0.4912



39.7913, 0.2151, 0.3847

Sweetspot

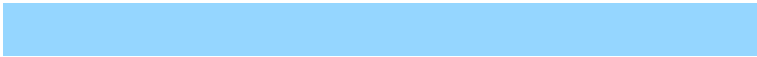
The Sweet Spot groups the original color and five complimentary colors.



39.7898, 0.2650, 0.2097



78.6681, 0.3016, 0.2982



61.8898, 0.2479, 0.2811



16.3843, 0.3003, 0.2946



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.



39.7898, 0.2650, 0.2097



31.9919, 0.2525, 0.1833



47.7059, 0.3071, 0.2232



17.7286, 0.3041, 0.3049



5.2982, 0.1836, 0.0785



0.5771, 0.1961, 0.0854

Inverse Universe

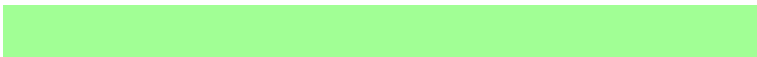
The Inverse Universe completely reimagines the original color for something new.



47.5617, 0.3549, 0.2637



40.9524, 0.3672, 0.2512



81.3057, 0.3136, 0.4556



18.1714, 0.3199, 0.3147



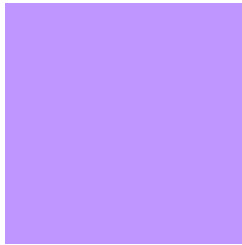
12.3585, 0.4528, 0.2268



1.2249, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 39.7913, 0.2650, 0.2097 looks on a white background.

Color Contrast Check

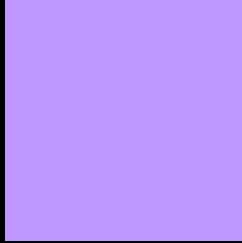
Large Text (above 18pt) WCAG AA × Fail

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 39.7913, 0.2650, 0.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

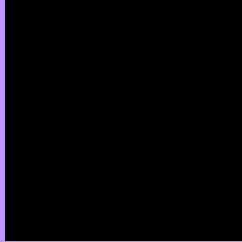
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7913, 0.2650, 0.2097

Background



This preview shows how black text looks on a background with the Yxy color 39.7913, 0.2650, 0.2097.



This preview shows how white text looks on a background with the Yxy color 39.7913, 0.2650, 0.2097.

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

39.7913, 0.2650, 0.2097

Protanopia

40.2607, 0.2317, 0.2203

Deuteranopia

39.9568, 0.2310, 0.2247



Tritanopia

39.8742, 0.3117, 0.3115

Trichromacy



Original Color

39.7913, 0.2650, 0.2097



Protanomaly

39.5297, 0.2421, 0.2149



Deuteranomaly

39.3880, 0.2419, 0.2183



Tritanomaly

39.5917, 0.2931, 0.2691

Monochromacy



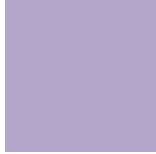
Original Color

39.7913, 0.2650, 0.2097



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.9254, 0.2947, 0.2801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7913, 0.2650, 0.2097 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(191, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 149, 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(191, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 149, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.7913, 0.2650, 0.2097 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(191, 149, 255) }
```

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

```
.border{ border-color:rgb(191, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 149, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 149, 255); box-shadow:4px 4px 4px 4px rgb(191, 149, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7913, 0.2650, 0.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 149, 255) }
```

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

```
.background{ background-color: rgb(191,  
149, 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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