

Converting Colors

$Y_{xy}(35.0104, 0.2601, 0.2038)$

Have a look what the booklet for
Yxy(35.0104, 0.2601, 0.2038)
contains.

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Color

Yxy(35.0553, 0.2599, 0.2036)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B38CF7 |
| RGB | 179, 140, 247 |
| RGB Percent | 70%, 55%, 97% |
| CMY | 0.2981, 0.4509, 0.0315 |
| CMYK | 0.28, 0.43, 0.00, 0.03 |
| HSL | 262°, 87%, 76% |
| HSV | 262°, 43%, 97% |
| XYZ | 44.7489, 35.0553, 92.3731 |
| YIQ | 163.8590, -11.1030, 41.5450 |

Conversions

Conversions Part 2

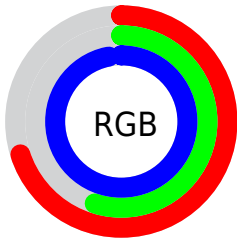
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 179, 140, 247 |
| Decimal | 11767031 |
| CIE Lab | 65.79, 36.42, -48.31 |
| CIE LCh | 66, 60.503, 307.012 |
| Yxy | 35.0553, 0.2599, 0.2036 |
| Android (android.graphics.Color) | 4289957111 (0xFFB38CF7) |
| YUV | 163.8590, 40.9885, 13.2787 |
| Hunter-Lab | 59.2075, 31.2967, -51.0566 |

Details

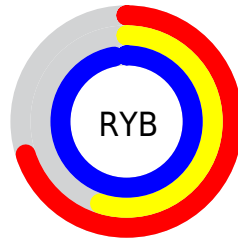
The Yxy color **35.0553, 0.2599, 0.2036** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **81.8029, 0.3496, 0.4469**, and the grayscale version is **36.8602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8081, 0.3021, 0.2668**, and **15.0734, 0.2428, 0.1740** is the 20% darker color. If you saturate the color by 10%, you get **26.8650, 0.2441, 0.1721**, and if you desaturate by 10%, it is **45.0807, 0.2746, 0.2353**.

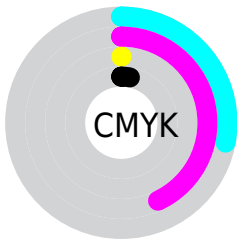
Distribution



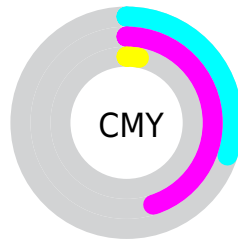
- Red (70%)
- Green (55%)
- Blue (97%)



- Red (70%)
- Yellow (55%)
- Blue (97%)



- Cyan (28%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)





- Cyan (30%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0553, 0.2599, 0.2036 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 35.0553, 0.2599, 0.2036 by changing the saturation by 10% instead.


 35.0553, 0.2599,
0.2036


 35.0553, 0.2599,
0.2036

324.8124, 0.2880,
0.2624


 23.7055, 0.2526,
0.1904

 67.5714, 0.2704,
0.2239

 15.1153, 0.2433,
0.1742


 89.5065, 0.2742,
0.2319

 8.9003, 0.2308,
0.1543


 115.7388, 0.2775,
0.2387

 4.6762, 0.2137,
0.1294

146.6527, 0.2802,
0.2447

 2.0586, 0.1894,
0.0982

182.6327, 0.2826,
0.2499

 0.6412, 0.1538,
0.0586

224.0630, 0.2847,

 0.0000, 0.0921,

0.2546

0.0000

271.3281, 0.2865,
0.2587

0.0000, 0.0000,
0.0000

35.0553, 0.2599,
0.2036

35.0553, 0.2599,
0.2036

26.8650, 0.2441,
0.1721

45.0807, 0.2746,
0.2353

20.3890, 0.2279,
0.1424

57.0434, 0.2879,
0.2659

15.4979, 0.2119,
0.1164

71.0426, 0.2996,
0.2946

12.0412, 0.1972,
0.0957

87.1697, 0.3097,
0.3209

9.8372, 0.1845,
0.0814

99.4931, 0.3174,
0.3367

■ 8.8857, 0.1773,
0.0750

Harmonies

Analogous

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



35.0553, 0.1957, 0.1935



35.0553, 0.2599, 0.2036



35.0553, 0.3507, 0.2376

Triad

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



35.0553, 0.2599, 0.2036



35.0553, 0.4820, 0.4174



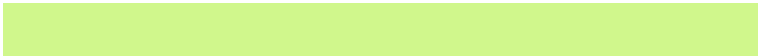
35.0553, 0.1930, 0.3556

Complementary

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



35.0553, 0.2599, 0.2036



81.8029, 0.3496, 0.4469

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.



35.0553, 0.2584, 0.4555



35.0553, 0.2599, 0.2036



35.0553, 0.4251, 0.4766

Square

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



35.0553, 0.2599, 0.2036



35.0553, 0.4917, 0.3519



35.0553, 0.3436, 0.5013



35.0553, 0.1616, 0.2646

Rectangle

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



35.0553, 0.2599, 0.2036



35.0553, 0.4139, 0.2709



35.0553, 0.3436, 0.5013



35.0553, 0.2114, 0.3909

Sweetspot

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



35.0567, 0.2599, 0.2036



76.8631, 0.2999, 0.2954



58.1531, 0.2462, 0.2834



15.6949, 0.2974, 0.2892



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.



35.0567, 0.2599, 0.2036



29.8630, 0.2461, 0.1758



42.4509, 0.3037, 0.2182



16.2206, 0.3036, 0.3049



4.7741, 0.1789, 0.0759



0.4756, 0.1926, 0.0835

Inverse Universe

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



43.0834, 0.3538, 0.2579



39.7673, 0.3657, 0.2445



75.4671, 0.3156, 0.4606



16.6598, 0.3194, 0.3141



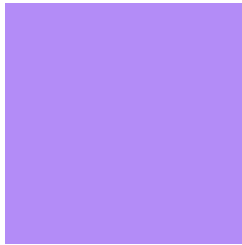
11.7737, 0.4397, 0.2196



1.0545, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 35.0553, 0.2599, 0.2036 looks on a white background.

Color Contrast Check

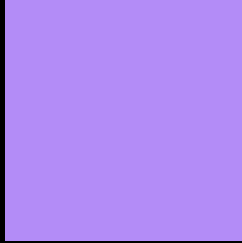
Large Text (above 18pt) WCAG AA × Fail

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 35.0553, 0.2599, 0.2036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

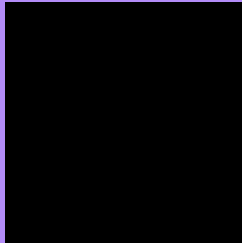
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0553, 0.2599, 0.2036

Background



This preview shows how black text looks on a background with the Yxy color 35.0553, 0.2599, 0.2036.



This preview shows how white text looks on a background with the Yxy color 35.0553, 0.2599, 0.2036.

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

35.0553, 0.2599, 0.2036

Protanopia

35.4715, 0.2204, 0.2050

Deuteranopia

35.2604, 0.2252, 0.2186



Tritanopia

34.9087, 0.3078, 0.3104

Trichromacy



Original Color

35.0553, 0.2599, 0.2036

Protanomaly

35.0011, 0.2327, 0.2038

Deuteranomaly

34.6508, 0.2358, 0.2120

Tritanomaly

34.6455, 0.2885, 0.2657

Monochromacy



Original Color

35.0553, 0.2599, 0.2036

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.7727, 0.2920, 0.2761

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0553, 0.2599, 0.2036 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, 140, 247)` looks like.

```
.text, #text, p{  
    color:rgb(179, 140, 247)  
}
```

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, 140, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 140, 247) }
```

Border

The CSS property to change the border of an element to Yxy 35.0553, 0.2599, 0.2036 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, 140, 247) }
```

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

```
.border{ border-color:rgb(179, 140, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 140, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 140, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 140, 247); box-shadow:4px 4px 4px 4px rgb(179, 140, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0553, 0.2599, 0.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 140, 247) }
```

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

```
.background{ background-color: rgb(179,  
140, 247) }
```

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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