

Converting Colors

$Y_{xy}(39.6639, 0.2926, 0.2094)$

Have a look what the booklet for
Yxy(39.6639, 0.2926, 0.2094)
contains.

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Color

Yxy(39.6635, 0.2925, 0.2094)

Conversions

Conversions Part 1

Format	Color
Hex	DC88F9
RGB	220, 136, 249
RGB Percent	86%, 53%, 98%
CMY	0.1375, 0.4665, 0.0236
CMYK	0.12, 0.45, 0.00, 0.02
HSL	285°, 90%, 75%
HSV	285°, 45%, 98%
XYZ	55.4039, 39.6635, 94.3476
YIQ	173.9980, 13.7910, 52.9510

Conversions

Conversions Part 2

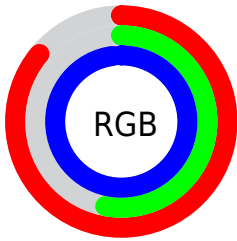
Format	Color
R _Y B	220, 136, 249
Decimal	14452985
CIE _{Lab}	69.23, 50.31, -43.73
CIE _{LCh}	69, 66.653, 319.004
Y _{xy}	39.6635, 0.2925, 0.2094
Android (android.graphics.Color)	4292643065 (0xFFDC88F9)
YUV	173.9980, 36.9760, 40.3438
Hunter-Lab	62.9790, 46.8169, -44.7360

Details

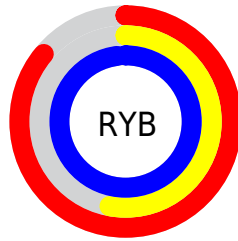
The Yxy color **39.6635, 0.2925, 0.2094** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.5305, 0.3228, 0.4648**, and the grayscale version is **42.1299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7416, 0.3157, 0.2663**, and **17.7788, 0.2847, 0.1827** is the 20% darker color. If you saturate the color by 10%, you get **32.4658, 0.2862, 0.1844**, and if you desaturate by 10%, it is **48.5317, 0.2982, 0.2361**.

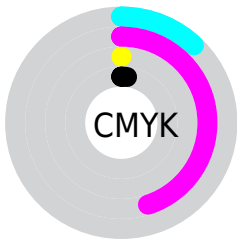
Distribution



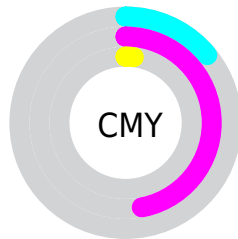
- Red (86%)
- Green (53%)
- Blue (98%)



- Red (86%)
- Yellow (53%)
- Blue (98%)



- Cyan (12%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)





- Cyan (14%)
- Magenta (47%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6635, 0.2925, 0.2094 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 39.6635, 0.2925, 0.2094 by changing the saturation by 10% instead.


 39.6635, 0.2925,
0.2094


 39.6635, 0.2925,
0.2094

344.7032, 0.3046,
0.2641


 27.2763, 0.2891,
0.1973


 74.6508, 0.2972,
0.2281

 17.7808, 0.2845,
0.1827


 98.0197, 0.2989,
0.2355

 10.7927, 0.2782,
0.1647


 125.8180, 0.3003,
0.2418

 5.9276, 0.2691,
0.1422

158.4300, 0.3014,
0.2474

 2.8011, 0.2554,
0.1139

196.2401, 0.3024,
0.2523

 1.0288, 0.2332,
0.0784

239.6327, 0.3032,

 0.0000, 0.2026,

0.2567

0.0000

288.9923, 0.3040,
0.2606

■ 0.0000, 0.0453,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.6635, 0.2925,
0.2094

■ 39.6635, 0.2925,
0.2094

■ 32.4658, 0.2862,
0.1844

■ 48.5317, 0.2982,
0.2361

■ 26.8187, 0.2794,
0.1622

■ 59.1692, 0.3032,
0.2633

■ 22.5943, 0.2724,
0.1438

■ 71.6730, 0.3075,
0.2901

■ 19.6415, 0.2654,
0.1301

■ 86.1313, 0.3111,
0.3158

■ 17.7739, 0.2586,
0.1211

■ 99.0461, 0.3143,
0.3348

■ 17.1489, 0.2555,
0.1181

■ 99.6188, 0.3162,
0.3347

Harmonies

Analogous

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



39.6635, 0.2128, 0.1885



39.6635, 0.2925, 0.2094



39.6635, 0.3934, 0.2531

Triad

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



39.6635, 0.2925, 0.2094



39.6635, 0.4702, 0.4467



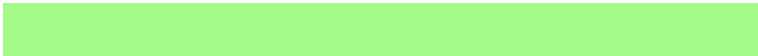
39.6635, 0.1696, 0.3138

Complementary

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



39.6635, 0.2925, 0.2094



77.5305, 0.3228, 0.4648

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.



39.6635, 0.2238, 0.4241



39.6635, 0.2925, 0.2094



39.6635, 0.3970, 0.5014

Square

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



39.6635, 0.2925, 0.2094



39.6635, 0.5042, 0.3786



39.6635, 0.3073, 0.5029



39.6635, 0.1517, 0.2335

Rectangle

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



39.6635, 0.2925, 0.2094



39.6635, 0.4542, 0.2914



39.6635, 0.3073, 0.5029



39.6635, 0.1836, 0.3493

Sweetspot

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



39.6652, 0.2925, 0.2094



77.6001, 0.3080, 0.2936



39.4064, 0.2333, 0.2247



15.9496, 0.3072, 0.2879



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.



39.6652, 0.2925, 0.2094



35.1649, 0.2870, 0.1875



43.0647, 0.3419, 0.2408



17.2868, 0.3097, 0.3053



9.2522, 0.2565, 0.1187



0.9075, 0.2645, 0.1231

Inverse Universe

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



40.4763, 0.4028, 0.2982



36.3428, 0.4306, 0.2933



75.6039, 0.2933, 0.4383



17.2985, 0.3253, 0.3229



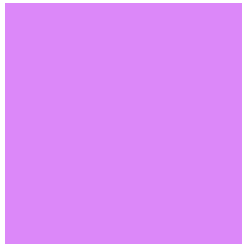
10.9982, 0.5911, 0.3030



1.0351, 0.5578, 0.2847

Previews

White Background



This preview shows how the Yxy color 39.6635, 0.2925, 0.2094 looks on a white background.

Color Contrast Check

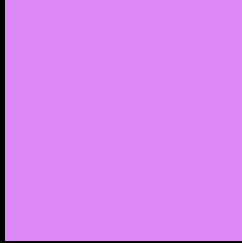
Large Text (above 18pt) WCAG AA × Fail

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 39.6635, 0.2925, 0.2094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

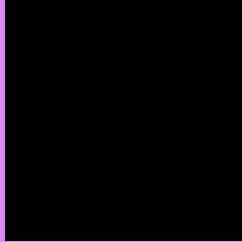
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6635, 0.2925, 0.2094

Background



This preview shows how black text looks on a background with the Yxy color 39.6635, 0.2925, 0.2094.



This preview shows how white text looks on a background with the Yxy color 39.6635, 0.2925, 0.2094.

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

39.6635, 0.2925, 0.2094

Protanopia

40.2607, 0.2317, 0.2203

Deuteranopia

40.1390, 0.2398, 0.2338



Tritanopia

39.6426, 0.3543, 0.3141

Trichromacy



Original Color

39.6635, 0.2925, 0.2094



Protanomaly

39.1936, 0.2500, 0.2141



Deuteranomaly

38.9156, 0.2563, 0.2219



Tritanomaly

39.2081, 0.3300, 0.2706

Monochromacy



Original Color

39.6635, 0.2925, 0.2094



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.4350, 0.3060, 0.2774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6635, 0.2925, 0.2094 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(220, 136, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 136, 249)  
}
```

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(220, 136, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 136, 249) }
```

Border

The CSS property to change the border of an element to Yxy 39.6635, 0.2925, 0.2094 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(220, 136, 249) }
```

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

```
.border{ border-color:rgb(220, 136, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 136, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 136, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 136, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 136,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6635, 0.2925, 0.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 136, 249) }
```

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

```
.background{ background-color: rgb(220,  
136, 249) }
```

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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