

Converting Colors

$Yxy(39.6967, 0.3326, 0.2658)$

Have a look what the booklet for
Yxy(39.6967, 0.3326, 0.2658)
contains.

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Color

Yxy(39.6333, 0.3332, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	DA92C8
RGB	218, 146, 200
RGB Percent	85%, 57%, 78%
CMY	0.1449, 0.4275, 0.2157
CMYK	0.00, 0.33, 0.08, 0.14
HSL	315°, 49%, 71%
HSV	315°, 33%, 86%
XYZ	49.6273, 39.6333, 59.6808
YIQ	173.6840, 25.5780, 32.0580

Conversions

Conversions Part 2

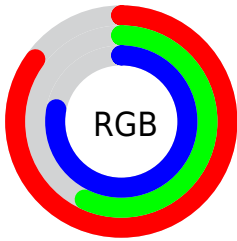
Format	Color
R _{YB}	218, 146, 200
Decimal	14324424
CIE _{Lab}	69.21, 35.35, -16.77
CIE _{LCh}	69, 39.123, 334.622
Yxy	39.6333, 0.3332, 0.2661
Android (android.graphics.Color)	4292514504 (0xFFDA92C8)
YUV	173.6840, 12.9738, 38.8651
Hunter-Lab	62.9550, 30.5399, -12.1379

Details

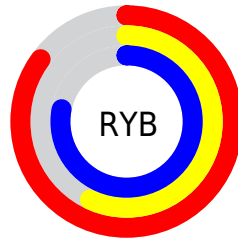
The Yxy color **39.6333, 0.3332, 0.2661** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.9554, 0.2972, 0.4016**, and the grayscale version is **42.0807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2533, 0.3152, 0.2762**, and **17.7621, 0.3383, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **33.2920, 0.3414, 0.2473**, and if you desaturate by 10%, it is **47.2692, 0.3259, 0.2855**.

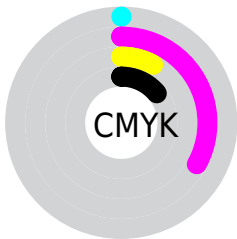
Distribution



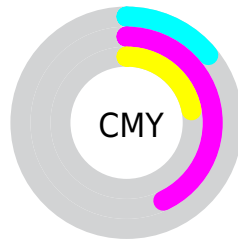
- Red (85%)
- Green (57%)
- Blue (78%)



- Red (85%)
- Yellow (57%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (8%)
- Black (14%)





- Cyan (14%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6333, 0.3332, 0.2661 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 39.6333, 0.3332, 0.2661 by changing the saturation by 10% instead.


 39.6333, 0.3332,
0.2661


 39.6333, 0.3332,
0.2661


344.5756, 0.3235,
0.2967

 27.2527, 0.3355,
0.2588


 74.6048, 0.3298,
0.2770

 17.7631, 0.3383,
0.2495


 97.9645, 0.3285,
0.2812

 10.7801, 0.3419,
0.2374


125.7528, 0.3273,
0.2847

 5.9191, 0.3467,
0.2212

158.3539, 0.3263,
0.2878

 2.7960, 0.3531,
0.1982

196.1524, 0.3255,
0.2904

 1.0262, 0.3621,
0.1637

239.5326, 0.3247,

 0.0000, 0.4189,

0.2928

0.0000

288.8788, 0.3241,
0.2948

0.0000, 0.0000,
0.0000

39.6333, 0.3332,
0.2661

39.6333, 0.3332,
0.2661

33.2920, 0.3414,
0.2473

47.2692, 0.3259,
0.2855

28.1667, 0.3504,
0.2300

56.2616, 0.3196,
0.3048

24.1785, 0.3602,
0.2153

66.6752, 0.3142,
0.3235


21.2373, 0.3703,
0.2041


78.5686, 0.3096,
0.3412

19.2389, 0.3806,
0.1973

91.9943, 0.3057,
0.3578

 18.0577, 0.3906,
0.1954

 92.3010, 0.3027,
0.3520

 17.5730, 0.3974,
0.1963

 92.6174, 0.2997,
0.3463

 92.9435, 0.2967,
0.3406

 93.2794, 0.2937,
0.3349

Harmonies

Analogous

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



39.6333, 0.2761, 0.2435



39.6333, 0.3332, 0.2661



39.6333, 0.3891, 0.3024

Triad

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



39.6333, 0.3332, 0.2661



39.6333, 0.3928, 0.4241



39.6333, 0.2133, 0.2956

Complementary

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



39.6333, 0.3332, 0.2661



58.9554, 0.2972, 0.4016

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.



39.6333, 0.2391, 0.3522



39.6333, 0.3332, 0.2661



39.6333, 0.3417, 0.4336

Square

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



39.6333, 0.3332, 0.2661



39.6333, 0.4239, 0.3901



39.6333, 0.2854, 0.4067



39.6333, 0.2115, 0.2561

Rectangle

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



39.6333, 0.3332, 0.2661



39.6333, 0.4154, 0.3312



39.6333, 0.2854, 0.4067



39.6333, 0.2193, 0.3132

Sweetspot

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



39.6351, 0.3332, 0.2661



84.3914, 0.3179, 0.3104



33.5092, 0.2683, 0.2350



17.6299, 0.3187, 0.3077



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.



39.6351, 0.3332, 0.2661



49.7258, 0.3391, 0.2523



38.1450, 0.3699, 0.3073



13.2162, 0.3176, 0.3116



10.5415, 0.3960, 0.1955



0.6964, 0.3811, 0.1873

Inverse Universe

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



39.6351, 0.3332, 0.2661



49.7258, 0.3391, 0.2523



60.4457, 0.2759, 0.3522



13.2162, 0.3176, 0.3116



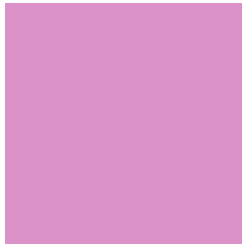
10.5415, 0.3960, 0.1955



0.6964, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 39.6333, 0.3332, 0.2661 looks on a white background.

Color Contrast Check

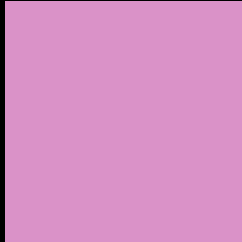
Large Text (above 18pt) WCAG AA × Fail

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 39.6333, 0.3332, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

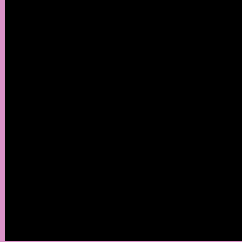
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6333, 0.3332, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 39.6333, 0.3332, 0.2661.



This preview shows how white text looks on a background with the Yxy color 39.6333, 0.3332, 0.2661.

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

39.6333, 0.3332, 0.2661

Protanopia

40.0797, 0.2675, 0.2669

Deuteranopia

39.7800, 0.2942, 0.2879



Tritanopia

39.7589, 0.3638, 0.3156

Trichromacy



Original Color

39.6333, 0.3332, 0.2661



Protanomaly

39.3785, 0.2882, 0.2652



Deuteranomaly

39.3038, 0.3076, 0.2793



Tritanomaly

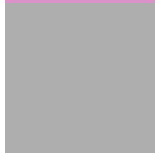
39.4341, 0.3523, 0.2964

Monochromacy



Original Color

39.6333, 0.3332, 0.2661



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.9170, 0.3204, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6333, 0.3332, 0.2661 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(218, 146, 200)` looks like.

```
.text, #text, p{  
    color:rgb(218, 146, 200)  
}
```

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(218, 146, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 146, 200) }
```

Border

The CSS property to change the border of an element to Yxy 39.6333, 0.3332, 0.2661 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(218, 146, 200) }
```

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

```
.border{ border-color:rgb(218, 146, 200) }
```

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

Here you see how a box with a 4 pixel rgb(218, 146, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 146, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 146, 200);  
box-shadow:4px 4px 4px 4px rgb(218, 146,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6333, 0.3332, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 146, 200) }
```

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

```
.background{ background-color: rgb(218,  
146, 200) }
```

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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