

Converting Colors

$Y_{xy}(39.9392, 0.3416, 0.2750)$

Have a look what the booklet for
Yxy(39.9392, 0.3416, 0.2750)
contains.

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Color

Yxy(39.9333, 0.3418, 0.2753)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DC93C1 |
| RGB | 220, 147, 193 |
| RGB Percent | 86%, 58%, 76% |
| CMY | 0.1372, 0.4236, 0.2432 |
| CMYK | 0.00, 0.33, 0.12, 0.14 |
| HSL | 322°, 51%, 72% |
| HSV | 322°, 33%, 86% |
| XYZ | 49.5794, 39.9333, 55.5411 |
| YIQ | 174.0710, 28.7420, 29.7820 |

Conversions

Conversions Part 2

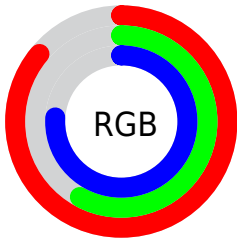
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 220, 147, 193 |
| Decimal | 14455745 |
| CIE Lab | 69.42, 34.29, -12.52 |
| CIE LCh | 69, 36.509, 339.940 |
| Yxy | 39.9333, 0.3418, 0.2753 |
| Android (android.graphics.Color) | 4292645825 (0xFFDC93C1) |
| YUV | 174.0710, 9.3320, 40.2797 |
| Hunter-Lab | 63.1928, 29.4589, -7.8759 |

Details

The Yxy color $39.9333, 0.3418, 0.2753$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $60.4598, 0.2919, 0.3899$, and the grayscale version is $42.3069, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.3406, 0.3194, 0.2827$, and $17.9410, 0.3506, 0.2614$ is the 20% darker color. If you saturate the color by 10%, you get $33.3810, 0.3539, 0.2591$, and if you desaturate by 10%, it is $47.8178, 0.3313, 0.2919$.

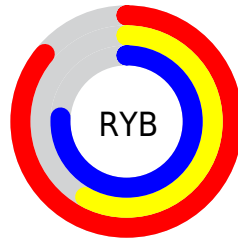
Distribution



Red (86%)

Green (58%)

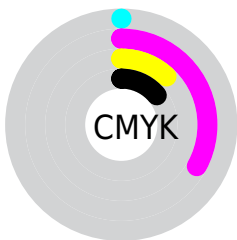
Blue (76%)



Red (86%)

Yellow (58%)

Blue (76%)

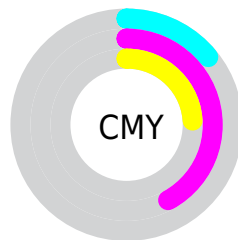


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (14%)



Cyan (14%)


Magenta (42%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9333, 0.3418, 0.2753 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 39.9333, 0.3418, 0.2753 by changing the saturation by 10% instead.


 39.9333, 0.3418,
0.2753


 39.9333, 0.3418,
0.2753


345.8424, 0.3275,
0.3016

 27.4865, 0.3453,
0.2689


 75.0619, 0.3366,
0.2847

 17.9390, 0.3498,
0.2608


 98.5126, 0.3347,
0.2883

 10.9062, 0.3556,
0.2502


126.4000, 0.3330,
0.2914

 6.0038, 0.3637,
0.2358

159.1086, 0.3316,
0.2940

 2.8474, 0.3753,
0.2150

197.0227, 0.3304,
0.2963

 1.0526, 0.3936,
0.1830

240.5268, 0.3293,

 0.0000, 0.4907,

0.2983

0.0000

290.0052, 0.3283,
0.3000

■ 0.0000, 0.0000,
0.0000

■ 39.9333, 0.3418,
0.2753

■ 39.9333, 0.3418,
0.2753

■ 33.3810, 0.3539,
0.2591

■ 47.8178, 0.3313,
0.2919

■ 28.0804, 0.3677,
0.2442

■ 57.0983, 0.3224,
0.3083

■ 23.9504, 0.3829,
0.2317


■ 67.8411, 0.3149,
0.3241

■ 20.8984, 0.3991,
0.2226


■ 80.1064, 0.3086,
0.3390


■ 18.8174, 0.4159,
0.2182

■ 92.6639, 0.3033,
0.3509

 17.5781, 0.4325,
0.2189

 93.1422, 0.2988,
0.3424

 17.0715, 0.4436,
0.2218

 93.6422, 0.2944,
0.3340

 93.9598, 0.2917,
0.3289

Harmonies

Analogous

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



39.9333, 0.2875, 0.2513



39.9333, 0.3418, 0.2753



39.9333, 0.3914, 0.3113

Triad

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



39.9333, 0.3418, 0.2753



39.9333, 0.3804, 0.4215



39.9333, 0.2176, 0.2902

Complementary

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



39.9333, 0.3418, 0.2753



60.4598, 0.2919, 0.3899

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.



39.9333, 0.2381, 0.3410



39.9333, 0.3418, 0.2753



39.9333, 0.3308, 0.4239

Square

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



39.9333, 0.3418, 0.2753



39.9333, 0.4133, 0.3933



39.9333, 0.2788, 0.3933



39.9333, 0.2198, 0.2566

Rectangle

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



39.9333, 0.3418, 0.2753



39.9333, 0.4126, 0.3390



39.9333, 0.2788, 0.3933



39.9333, 0.2219, 0.3057

Sweetspot

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



39.9351, 0.3418, 0.2753



84.2026, 0.3199, 0.3133



35.0068, 0.2752, 0.2364



17.5841, 0.3210, 0.3111



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.



39.9351, 0.3418, 0.2753



49.0648, 0.3503, 0.2637



38.5104, 0.3793, 0.3174



13.1888, 0.3194, 0.3144



10.0386, 0.4412, 0.2204



0.6668, 0.4165, 0.2068

Inverse Universe

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



39.9351, 0.3418, 0.2753



49.0648, 0.3503, 0.2637



62.0702, 0.2710, 0.3412



13.1888, 0.3194, 0.3144



10.0386, 0.4412, 0.2204



0.6668, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 39.9333, 0.3418, 0.2753 looks on a white background.

Color Contrast Check

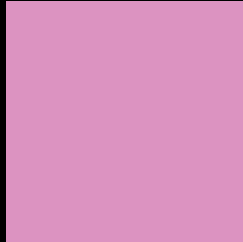
Large Text (above 18pt) WCAG AA × Fail

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 39.9333, 0.3418, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

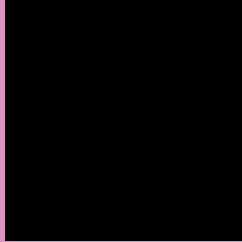
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9333, 0.3418, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 39.9333, 0.3418, 0.2753.



This preview shows how white text looks on a background with the Yxy color 39.9333, 0.3418, 0.2753.

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

39.9333, 0.3418, 0.2753

Protanopia

40.0873, 0.2762, 0.2770

Deuteranopia

39.9751, 0.3025, 0.2958



Tritanopia

39.8885, 0.3671, 0.3146

Trichromacy



Original Color

39.9333, 0.3418, 0.2753



Protanomaly

39.3510, 0.2971, 0.2750



Deuteranomaly

39.5528, 0.3166, 0.2870



Tritanomaly

39.8133, 0.3573, 0.2991

Monochromacy



Original Color

39.9333, 0.3418, 0.2753



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.9635, 0.3231, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9333, 0.3418, 0.2753 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, 147, 193)` looks like.

```
.text, #text, p{  
    color:rgb(220, 147, 193)  
}
```

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, 147, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 147, 193) }
```

Border

The CSS property to change the border of an element to Yxy 39.9333, 0.3418, 0.2753 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, 147, 193) }
```

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

```
.border{ border-color:rgb(220, 147, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 147, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 147, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 147, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 147,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9333, 0.3418, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 147, 193) }
```

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

```
.background{ background-color: rgb(220,  
147, 193) }
```

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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