

Converting Colors

$Y_{xy}(35.5099, 0.3638, 0.3040)$

Have a look what the booklet for
Yxy(35.5099, 0.3638, 0.3040)
contains.

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Color

Yxy(35.5099, 0.3638, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	D18EA2
RGB	209, 142, 162
RGB Percent	82%, 56%, 64%
CMY	0.1803, 0.4432, 0.3646
CMYK	0.00, 0.32, 0.22, 0.18
HSL	342°, 42%, 69%
HSV	342°, 32%, 82%
XYZ	42.4951, 35.5099, 38.8039
YIQ	164.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

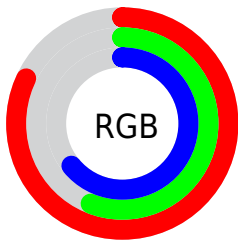
Format	Color
R _Y B	209, 142, 162
Decimal	13733538
CIE Lab	66.14, 28.26, -0.17
CIE LCh	66, 28.261, 359.655
Yxy	35.5099, 0.3638, 0.3040
Android (android.graphics.Color)	4291923618 (0xFFD18EA2)
YUV	164.3130, -1.1403, 39.1905
Hunter-Lab	59.5902, 23.0095, 3.1047

Details

The Yxy color **35.5099, 0.3638, 0.3040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0368, 0.2789, 0.3558**, and the grayscale version is **37.2761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7496, 0.3439, 0.3076**, and **15.3803, 0.3805, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **29.3731, 0.3875, 0.2961**, and if you desaturate by 10%, it is **42.8770, 0.3442, 0.3121**.

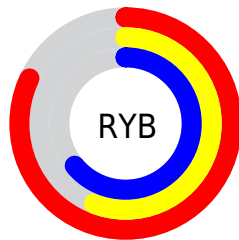
Distribution



Red (82%)

Green (56%)

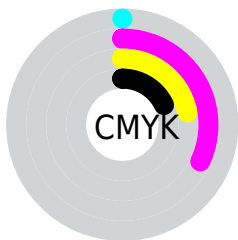
Blue (64%)



Red (82%)

Yellow (56%)

Blue (64%)

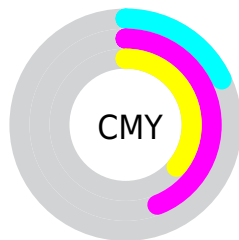


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5099, 0.3638, 0.3040 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 35.5099, 0.3638, 0.3040 by changing the saturation by 10% instead.


 35.5099, 0.3638,
0.3040


 35.5099, 0.3638,
0.3040


326.8133, 0.3371,
0.3171


 24.0559, 0.3708,
0.3006


 68.2749, 0.3538,
0.3089

 15.3751, 0.3801,
0.2960


 90.3548, 0.3502,
0.3107

 9.0831, 0.3929,
0.2898


 116.7454, 0.3471,
0.3122

 4.7954, 0.4116,
0.2806

147.8311, 0.3445,
0.3134

 2.1277, 0.4414,
0.2661

183.9964, 0.3423,
0.3145

 0.6801, 0.5012,
0.2368

225.6256, 0.3403,


 0.0000, 1.0000,


0.3155


0.0000

273.1031, 0.3386,
0.3163


 0.0000, 0.0000,
0.0000


 35.5099, 0.3638,
0.3040

 35.5099, 0.3638,
0.3040


 29.3731, 0.3875,
0.2961


 42.8770, 0.3442,
0.3121


 24.3942, 0.4156,
0.2889


 51.5316, 0.3282,
0.3200


 20.5009, 0.4480,
0.2836

 61.5333, 0.3151,
0.3275

 17.6106, 0.4837,
0.2811

 72.9367, 0.3045,
0.3345

 15.6286, 0.5203,
0.2827

 85.7931, 0.2958,
0.3408

■ 14.4420, 0.5548,
0.2889

■ 91.9788, 0.2881,
0.3341

■ 13.9115, 0.5788,
0.2962

■ 92.2988, 0.2855,
0.3289

Harmonies

Analogous

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



35.5099, 0.3212, 0.2768



35.5099, 0.3638, 0.3040



35.5099, 0.3927, 0.3379

Triad

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



35.5099, 0.3638, 0.3040



35.5099, 0.3428, 0.4070



35.5099, 0.2338, 0.2783

Complementary

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



35.5099, 0.3638, 0.3040



55.0368, 0.2789, 0.3558

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.



35.5099, 0.2386, 0.3115



35.5099, 0.3638, 0.3040



35.5099, 0.2998, 0.3908

Square

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



35.5099, 0.3638, 0.3040



35.5099, 0.3792, 0.3984



35.5099, 0.2621, 0.3539



35.5099, 0.2479, 0.2612

Rectangle

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



35.5099, 0.3638, 0.3040



35.5099, 0.3992, 0.3611



35.5099, 0.2621, 0.3539



35.5099, 0.2332, 0.2877

Sweetspot

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



35.5116, 0.3638, 0.3040



83.6970, 0.3254, 0.3215



34.7560, 0.2974, 0.2452



17.4620, 0.3274, 0.3205



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.



35.5116, 0.3638, 0.3040



49.3377, 0.3784, 0.2989



39.0870, 0.3805, 0.3461



11.8655, 0.3244, 0.3221



8.5905, 0.5750, 0.2941



0.4943, 0.5219, 0.2649

Inverse Universe

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



35.5116, 0.3638, 0.3040



49.3377, 0.3784, 0.2989



49.6622, 0.2650, 0.3110



11.8655, 0.3244, 0.3221



8.5905, 0.5750, 0.2941



0.4943, 0.5219, 0.2649

Previews

White Background



This preview shows how the Yxy color 35.5099, 0.3638, 0.3040 looks on a white background.

Color Contrast Check

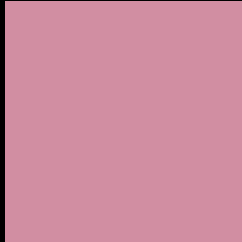
Large Text (above 18pt) WCAG AA × Fail

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 35.5099, 0.3638, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

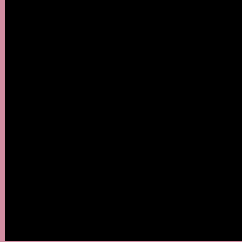
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5099, 0.3638, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 35.5099, 0.3638, 0.3040.



This preview shows how white text looks on a background with the Yxy color 35.5099, 0.3638, 0.3040.

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

35.5099, 0.3638, 0.3040

Protanopia

35.7358, 0.3023, 0.3104

Deuteranopia

35.6272, 0.3308, 0.3249



Tritanopia

35.3879, 0.3712, 0.3152

Trichromacy



Original Color

35.5099, 0.3638, 0.3040

Protanomaly

35.1120, 0.3227, 0.3069

Deuteranomaly

35.4901, 0.3429, 0.3170

Tritanomaly

35.4891, 0.3679, 0.3114

Monochromacy



Original Color

35.5099, 0.3638, 0.3040

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1246, 0.3300, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5099, 0.3638, 0.3040 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(209, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(209, 142, 162)  
}
```

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(209, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 142, 162) }
```

Border

The CSS property to change the border of an element to Yxy 35.5099, 0.3638, 0.3040 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(209, 142, 162) }
```

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

```
.border{ border-color:rgb(209, 142, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(209, 142,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5099, 0.3638, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 142, 162) }
```

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

```
.background{ background-color: rgb(209,  
142, 162) }
```

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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