

Converting Colors

$Yxy(35.8459, 0.3879, 0.3355)$

Have a look what the booklet for
Yxy(35.8459, 0.3879, 0.3355)
contains.

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Color

Yxy(35.8459, 0.3879, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	D2918C
RGB	210, 145, 140
RGB Percent	82%, 57%, 55%
CMY	0.1764, 0.4314, 0.4509
CMYK	0.00, 0.31, 0.33, 0.18
HSL	4°, 44%, 69%
HSV	4°, 33%, 82%
XYZ	41.4445, 35.8459, 29.5528
YIQ	163.8650, 40.3450, 12.2250

Conversions

Conversions Part 2

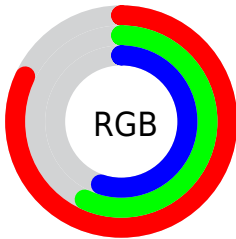
Format	Color
R _Y B	210, 145, 140
Decimal	13799820
CIE Lab	66.40, 23.97, 12.58
CIE LCh	66, 27.071, 27.692
Yxy	35.8459, 0.3879, 0.3355
Android (android.graphics.Color)	4291989900 (0xFFD2918C)
YUV	163.8650, -11.7654, 40.4604
Hunter-Lab	59.8714, 18.7871, 12.6442

Details

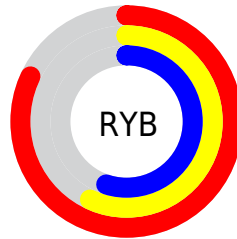
The Yxy color **35.8459, 0.3879, 0.3355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9224, 0.2648, 0.3223**, and the grayscale version is **37.1012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0019, 0.3617, 0.3343**, and **15.6136, 0.4127, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **29.8268, 0.4221, 0.3375**, and if you desaturate by 10%, it is **43.0107, 0.3596, 0.3335**.

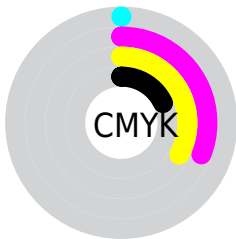
Distribution



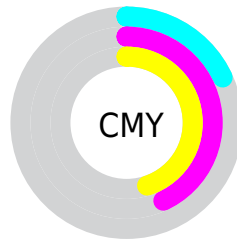
- Red (82%)
- Green (57%)
- Blue (55%)



- Red (82%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8459, 0.3879, 0.3355 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 35.8459, 0.3879, 0.3355 by changing the saturation by 10% instead.


 35.8459, 0.3879,
0.3355


 35.8459, 0.3879,
0.3355


328.2865, 0.3483,
0.3331

 24.3152, 0.3984,
0.3357


 68.7941, 0.3730,
0.3349

 15.5676, 0.4124,
0.3358


 90.9805, 0.3676,
0.3346

 9.2187, 0.4315,
0.3355


 117.4875, 0.3630,
0.3343

 4.8841, 0.4595,
0.3341

148.6996, 0.3592,
0.3340

 2.1794, 0.5037,
0.3295

185.0011, 0.3559,
0.3338

 0.7087, 0.6526,
0.3474

226.7765, 0.3530,


 0.0000, 1.0000,


0.3335


0.0000


274.4102, 0.3505,
0.3333


 0.0000, 0.0000,
0.0000

 35.8459, 0.3879,
0.3355

 35.8459, 0.3879,
0.3355

 29.8268, 0.4221,
0.3375


 43.0107, 0.3596,
0.3335


 24.8891, 0.4624,
0.3391


 51.3709, 0.3367,
0.3315


 20.9702, 0.5073,
0.3400

 60.9795, 0.3181,
0.3296

 17.9989, 0.5532,
0.3398

 71.8846, 0.3031,
0.3279

 15.8949, 0.5941,
0.3381

 84.1321, 0.2909,
0.3263

■ 14.5642, 0.6233,
0.3353

■ 92.4458, 0.2861,
0.3289

■ 14.0449, 0.6355,
0.3336

Harmonies

Analogous

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



35.8459, 0.3591, 0.3032



35.8459, 0.3879, 0.3355



35.8459, 0.3947, 0.3684

Triad

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



35.8459, 0.3879, 0.3355



35.8459, 0.3032, 0.3895



35.8459, 0.2492, 0.2647

Complementary

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



35.8459, 0.3879, 0.3355



53.9224, 0.2648, 0.3223

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.



35.8459, 0.2368, 0.2822



35.8459, 0.3879, 0.3355



35.8459, 0.2664, 0.3554

Square

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



35.8459, 0.3879, 0.3355



35.8459, 0.3442, 0.4035



35.8459, 0.2427, 0.3149



35.8459, 0.2781, 0.2636

Rectangle

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



35.8459, 0.3879, 0.3355



35.8459, 0.3860, 0.3869



35.8459, 0.2427, 0.3149



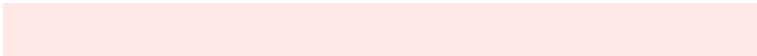
35.8459, 0.2431, 0.2687

Sweetspot

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



35.8476, 0.3879, 0.3355



84.2708, 0.3302, 0.3308



36.8931, 0.3209, 0.2517



17.5990, 0.3330, 0.3311



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.



35.8476, 0.3879, 0.3355



48.7852, 0.4116, 0.3369



48.1179, 0.3738, 0.3780



11.9411, 0.3289, 0.3307



8.6195, 0.6343, 0.3345



0.5302, 0.6166, 0.3486

Inverse Universe

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



53.9224, 0.2648, 0.3223



80.9789, 0.2562, 0.3207



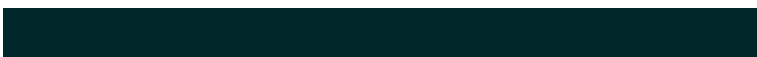
39.1152, 0.2587, 0.2743



13.2574, 0.2983, 0.3273



26.7336, 0.2186, 0.3068



1.5388, 0.2198, 0.3112

Previews

White Background



This preview shows how the Yxy color 35.8459, 0.3879, 0.3355 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 35.8459, 0.3879, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

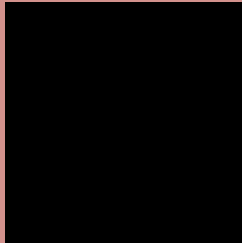
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8459, 0.3879, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 35.8459, 0.3879, 0.3355.



This preview shows how white text looks on a background with the Yxy color 35.8459, 0.3879, 0.3355.

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

35.8459, 0.3879, 0.3355

Protanopia

35.9527, 0.3313, 0.3479

Deuteranopia

36.0510, 0.3606, 0.3540



Tritanopia

35.8269, 0.3743, 0.3154

Trichromacy



Original Color

35.8459, 0.3879, 0.3355

Protanomaly

35.5543, 0.3508, 0.3430

Deuteranomaly

35.9227, 0.3704, 0.3466

Tritanomaly

35.9653, 0.3795, 0.3229

Monochromacy



Original Color

35.8459, 0.3879, 0.3355

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3043, 0.3385, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8459, 0.3879, 0.3355 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(210, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 140)  
}
```

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(210, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 140) }
```

Border

The CSS property to change the border of an element to Yxy 35.8459, 0.3879, 0.3355 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(210, 145, 140) }
```

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

```
.border{ border-color:rgb(210, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8459, 0.3879, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 140) }
```

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

```
.background{ background-color: rgb(210,  
145, 140) }
```

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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