

Converting Colors

$Yxy(35.8445, 0.3943, 0.3860)$

Have a look what the booklet for
Yxy(35.8445, 0.3943, 0.3860)
contains.

Yxy(35.9500, 0.3943, 0.3869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.9500, 0.3943, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	C19B70
RGB	193, 155, 112
RGB Percent	76%, 61%, 44%
CMY	0.2431, 0.3921, 0.5609
CMYK	0.00, 0.20, 0.42, 0.24
HSL	32°, 40%, 60%
HSV	32°, 42%, 76%
XYZ	36.6376, 35.9500, 20.3305
YIQ	161.4600, 36.4510, -5.3170

Conversions

Conversions Part 2

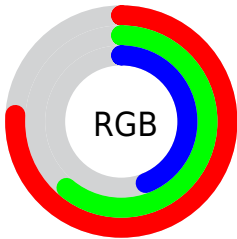
Format	Color
RYB	184, 193, 112
Decimal	12688240
CIELab	66.48, 8.36, 27.90
CIElCh	66, 29.124, 73.314
Yxy	35.9500, 0.3943, 0.3869
Android (android.graphics.Color)	4290878320 (0xFFC19B70)
YUV	161.4600, -24.3838, 27.6606
Hunter-Lab	59.9583, 4.1456, 21.8670

Details

The Yxy color **35.9500, 0.3943, 0.3869** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.0980, 0.2452, 0.2623**, and the grayscale version is **35.9691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7905, 0.3790, 0.3763**, and **15.6628, 0.4202, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **32.6662, 0.4191, 0.4000**, and if you desaturate by 10%, it is **39.5551, 0.3714, 0.3729**.

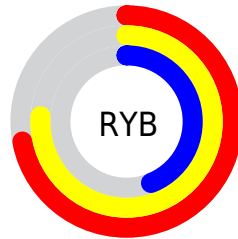
Distribution



Red (76%)

Green (61%)

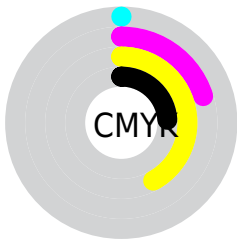
Blue (44%)



Red (72%)

Yellow (76%)

Blue (44%)

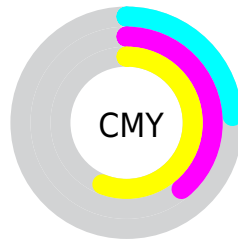


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (24%)



Cyan (24%)


Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9500, 0.3943, 0.3869 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 35.9500, 0.3943, 0.3869 by changing the saturation by 10% instead.

 35.9500, 0.3943,
0.3869


 35.9500, 0.3943,
0.3869


328.7420, 0.3519,
0.3580

 24.3956, 0.4052,
0.3938


 68.9549, 0.3786,
0.3765


 15.6273, 0.4193,
0.4024


 91.1741, 0.3728,
0.3726

 9.2608, 0.4379,
0.4132


 117.7171, 0.3679,
0.3693

 4.9117, 0.4634,
0.4264

 148.9683, 0.3637,
0.3664

 2.1955, 0.5267,
0.4656

185.3119, 0.3602,
0.3639

 0.7176, 0.5528,
0.4472

227.1325, 0.3571,

 0.0000, 0.0000,

0.3617

0.0000

274.8144, 0.3543,
0.3597

■ 35.9500, 0.3943,
0.3869

■ 35.9500, 0.3943,
0.3869

■ 32.6662, 0.4191,
0.4000

■ 39.5551, 0.3714,
0.3729

■ 29.6879, 0.4449,
0.4110

■ 43.4867, 0.3506,
0.3587

■ 27.0049, 0.4709,
0.4188

■ 47.7561, 0.3321,
0.3448

■ 24.6045, 0.4954,
0.4222

■ 52.3724, 0.3157,
0.3315

■ 22.4720, 0.5169,
0.4204

■ 57.3443, 0.3014,
0.3191

■ 20.9378, 0.5320,
0.4158

■ 62.6803, 0.2888,
0.3076

■ 68.3884, 0.2778,
0.2970

■ 73.7215, 0.2742,
0.2989

■ 78.8155, 0.2751,
0.3089

Harmonies

Analogous

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



35.9500, 0.4007, 0.3543



35.9500, 0.3943, 0.3869



35.9500, 0.3654, 0.4071

Triad

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



35.9500, 0.3943, 0.3869



35.9500, 0.2477, 0.3343



35.9500, 0.2969, 0.2651

Complementary

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



35.9500, 0.3943, 0.3869



29.0980, 0.2452, 0.2623

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.



35.9500, 0.2589, 0.2575



35.9500, 0.3943, 0.3869



35.9500, 0.2321, 0.2936

Square

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



35.9500, 0.3943, 0.3869



35.9500, 0.2805, 0.3771



35.9500, 0.2361, 0.2668



35.9500, 0.3421, 0.2870

Rectangle

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



35.9500, 0.3943, 0.3869



35.9500, 0.3382, 0.4085



35.9500, 0.2361, 0.2668



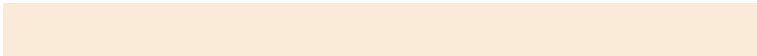
35.9500, 0.2829, 0.2609

Sweetspot

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



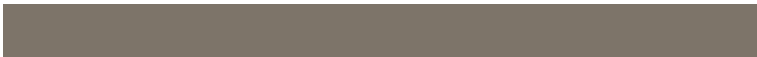
35.9517, 0.3943, 0.3869



84.5620, 0.3342, 0.3464



25.1601, 0.3669, 0.2766



17.7682, 0.3382, 0.3495



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9517, 0.3943, 0.3869



59.1797, 0.4160, 0.3985



50.4710, 0.3734, 0.4318



10.9436, 0.3276, 0.3412



14.0872, 0.5302, 0.4172



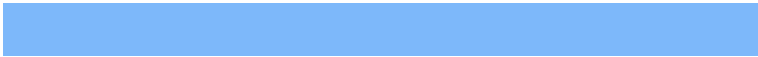
0.7457, 0.4990, 0.4420

Inverse Universe

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



29.0980, 0.2452, 0.2623



45.3443, 0.2311, 0.2452



18.9664, 0.2365, 0.2014



10.5093, 0.2984, 0.3165



7.6388, 0.1748, 0.1494



0.4679, 0.1866, 0.1918

Previews

White Background



This preview shows how the Yxy color 35.9500, 0.3943, 0.3869 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 35.9500, 0.3943, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

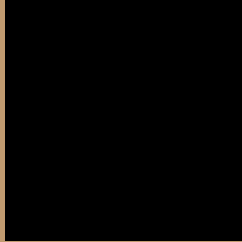
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9500, 0.3943, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 35.9500, 0.3943, 0.3869.



This preview shows how white text looks on a background with the Yxy color 35.9500, 0.3943, 0.3869.

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

35.9500, 0.3943, 0.3869

Protanopia

36.0771, 0.3679, 0.3966

Deuteranopia

35.9500, 0.3943, 0.3869



Tritanopia

36.0387, 0.3527, 0.3147

Trichromacy



Original Color

35.9500, 0.3943, 0.3869

Protanomaly

35.8349, 0.3776, 0.3923

Deuteranomaly

35.9500, 0.3943, 0.3869

Tritanomaly

35.8521, 0.3677, 0.3398

Monochromacy



Original Color

35.9500, 0.3943, 0.3869

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6637, 0.3415, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9500, 0.3943, 0.3869 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(193, 155, 112)` looks like.

```
.text, #text, p{  
    color:rgb(193, 155, 112)  
}
```

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(193, 155, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 155, 112) }
```

Border

The CSS property to change the border of an element to Yxy 35.9500, 0.3943, 0.3869 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(193, 155, 112) }
```

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

```
.border{ border-color:rgb(193, 155, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 155, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 155, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 155, 112);  
box-shadow:4px 4px 4px 4px rgb(193, 155,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9500, 0.3943, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 155, 112) }
```

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

```
.background{ background-color: rgb(193,  
155, 112) }
```

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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