

Converting Colors

$Yxy(39.6046, 0.3893, 0.3992)$

Have a look what the booklet for
Yxy(39.6046, 0.3893, 0.3992)
contains.

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Color

Yxy(39.5495, 0.3898, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	C2A570
RGB	194, 165, 112
RGB Percent	76%, 65%, 44%
CMY	0.2392, 0.3529, 0.5609
CMYK	0.00, 0.15, 0.42, 0.24
HSL	39°, 40%, 60%
HSV	39°, 42%, 76%
XYZ	38.6279, 39.5495, 20.9193
YIQ	167.6290, 34.2970, -10.3350

Conversions

Conversions Part 2

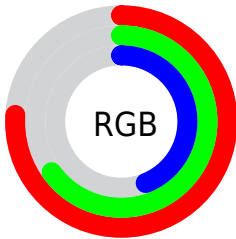
Format	Color
RYB	157, 194, 112
Decimal	12756336
CIELab	69.15, 3.35, 31.40
CIElCh	69, 31.578, 83.919
Yxy	39.5495, 0.3898, 0.3991
Android (android.graphics.Color)	4290946416 (0xFFC2A570)
YUV	167.6290, -27.4251, 23.1274
Hunter-Lab	62.8884, -0.4147, 24.2995

Details

The Yxy color **39.5495, 0.3898, 0.3991** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.3812, 0.2422, 0.2464**, and the grayscale version is **39.0911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5622, 0.3759, 0.3869**, and **17.6581, 0.4125, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **36.7564, 0.4113, 0.4146**, and if you desaturate by 10%, it is **42.5722, 0.3692, 0.3824**.

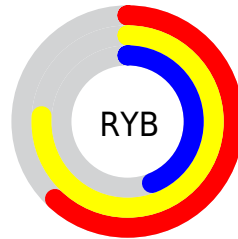
Distribution



Red (76%)

Green (65%)

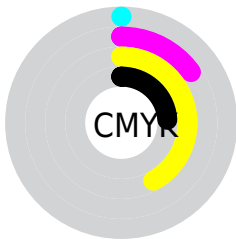
Blue (44%)



Red (62%)

Yellow (76%)

Blue (44%)

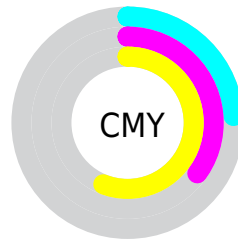


Cyan (0%)

Magenta (15%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (35%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5495, 0.3898, 0.3991 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 39.5495, 0.3898, 0.3991 by changing the saturation by 10% instead.


 39.5495, 0.3898,
0.3991


 39.5495, 0.3898,
0.3991


344.2211, 0.3507,
0.3641


 27.1875, 0.3995,
0.4075


 74.4770, 0.3756,
0.3865

 17.7141, 0.4117,
0.4181


 97.8113, 0.3702,
0.3818

 10.7449, 0.4275,
0.4314


 125.5718, 0.3657,
0.3777

 5.8956, 0.4483,
0.4481

 158.1429, 0.3618,
0.3742

 2.7817, 0.4938,
0.4865

195.9090, 0.3585,
0.3712

 1.0188, 0.5101,
0.4899

239.2544, 0.3556,

 0.0000, 0.0000,

0.3685

0.0000

288.5637, 0.3530,
0.3662

■ 39.5495, 0.3898,
0.3991

■ 39.5495, 0.3898,
0.3991

■ 36.7564, 0.4113,
0.4146

■ 42.5722, 0.3692,
0.3824

■ 34.1791, 0.4329,
0.4280

■ 45.8263, 0.3499,
0.3654

■ 31.8107, 0.4537,
0.4380

■ 49.3208, 0.3322,
0.3486

■ 29.6413, 0.4725,
0.4437

■ 53.0623, 0.3161,
0.3325

■ 27.6593, 0.4885,
0.4443

■ 57.0572, 0.3018,
0.3174

■ 26.2431, 0.4991,
0.4419

■ 61.3114, 0.2890,
0.3033

■ 65.8308, 0.2776,
0.2903

■ 69.8115, 0.2741,
0.2905

■ 73.4834, 0.2747,
0.2982

Harmonies

Analogous

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



39.5495, 0.4058, 0.3681



39.5495, 0.3898, 0.3991



39.5495, 0.3532, 0.4134

Triad

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



39.5495, 0.3898, 0.3991



39.5495, 0.2365, 0.3182



39.5495, 0.3126, 0.2688

Complementary

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



39.5495, 0.3898, 0.3991



26.3812, 0.2422, 0.2464

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.



39.5495, 0.2688, 0.2552



39.5495, 0.3898, 0.3991



39.5495, 0.2275, 0.2798

Square

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



39.5495, 0.3898, 0.3991



39.5495, 0.2650, 0.3646



39.5495, 0.2388, 0.2582



39.5495, 0.3596, 0.2958

Rectangle

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



39.5495, 0.3898, 0.3991



39.5495, 0.3229, 0.4086



39.5495, 0.2388, 0.2582



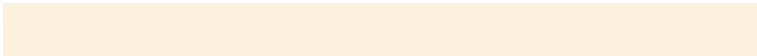
39.5495, 0.2970, 0.2626

Sweetspot

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



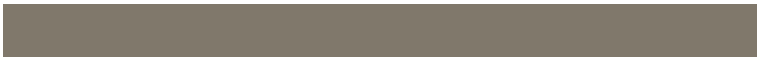
39.5514, 0.3898, 0.3991



88.7476, 0.3337, 0.3501



25.0075, 0.3801, 0.2886



19.1164, 0.3376, 0.3539



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.



39.5514, 0.3898, 0.3991



66.8198, 0.4103, 0.4139



49.8312, 0.3653, 0.4358



11.1397, 0.3273, 0.3438



17.4119, 0.4977, 0.4430



0.8781, 0.4760, 0.4602

Inverse Universe

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



26.3812, 0.2422, 0.2464



39.7771, 0.2256, 0.2235



19.6826, 0.2443, 0.2030



10.3176, 0.2984, 0.3137



5.4671, 0.1653, 0.1150



0.3669, 0.1782, 0.1615

Previews

White Background



This preview shows how the Yxy color 39.5495, 0.3898, 0.3991 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 39.5495, 0.3898, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

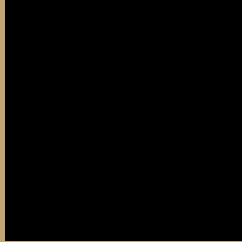
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5495, 0.3898, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 39.5495, 0.3898, 0.3991.



This preview shows how white text looks on a background with the Yxy color 39.5495, 0.3898, 0.3991.

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

39.5495, 0.3898, 0.3991

Protanopia

39.6581, 0.3748, 0.4045

Deuteranopia

39.7294, 0.3996, 0.3918



Tritanopia

39.6354, 0.3428, 0.3137

Trichromacy



Original Color

39.5495, 0.3898, 0.3991

Protanomaly

39.7623, 0.3802, 0.4034

Deuteranomaly

39.6660, 0.3960, 0.3937

Tritanomaly

39.6654, 0.3604, 0.3448

Monochromacy



Original Color

39.5495, 0.3898, 0.3991

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1227, 0.3390, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5495, 0.3898, 0.3991 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(194, 165, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 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(194, 165, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 112) }
```

Border

The CSS property to change the border of an element to Yxy 39.5495, 0.3898, 0.3991 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(194, 165, 112) }
```

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

```
.border{ border-color:rgb(194, 165, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5495, 0.3898, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 112) }
```

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

```
.background{ background-color: rgb(194,  
165, 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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