

Converting Colors

$Yxy(35.9947, 0.3992, 0.3918)$

Have a look what the booklet for
Yxy(35.9947, 0.3992, 0.3918)
contains.

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Color

Yxy(35.9947, 0.3992, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	C29B6C
RGB	194, 155, 108
RGB Percent	76%, 61%, 42%
CMY	0.2392, 0.3921, 0.5765
CMYK	0.00, 0.20, 0.44, 0.24
HSL	33°, 41%, 59%
HSV	33°, 44%, 76%
XYZ	36.6745, 35.9947, 19.2008
YIQ	161.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

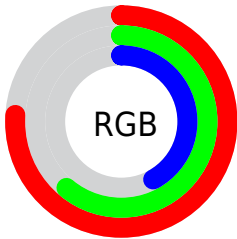
Format	Color
RYB	179, 194, 108
Decimal	12753772
CIELab	66.52, 8.34, 30.11
CIELCh	67, 31.247, 74.525
Yxy	35.9947, 0.3992, 0.3918
Android (android.graphics.Color)	4290943852 (0xFFC29B6C)
YUV	161.3030, -26.2784, 28.6753
Hunter-Lab	59.9956, 4.1225, 23.0219

Details

The Yxy color **35.9947, 0.3992, 0.3918** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.9441, 0.2410, 0.2556**, and the grayscale version is **35.9007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8344, 0.3828, 0.3803**, and **15.6301, 0.4241, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **32.8067, 0.4238, 0.4048**, and if you desaturate by 10%, it is **39.4912, 0.3761, 0.3776**.

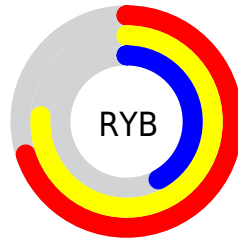
Distribution



Red (76%)

Green (61%)

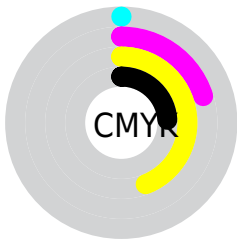
Blue (42%)



Red (70%)

Yellow (76%)

Blue (42%)

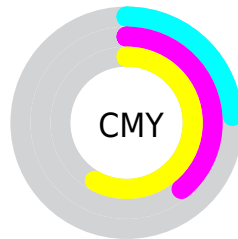


Cyan (0%)

Magenta (20%)

Yellow (44%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9947, 0.3992, 0.3918 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 35.9947, 0.3992, 0.3918 by changing the saturation by 10% instead.


 35.9947, 0.3992,
0.3918


 35.9947, 0.3992,
0.3918


328.9374, 0.3544,
0.3606

 24.4301, 0.4106,
0.3992


 69.0239, 0.3827,
0.3807


 15.6530, 0.4253,
0.4083


 91.2573, 0.3765,
0.3764

 9.2789, 0.4445,
0.4196


 117.8157, 0.3714,
0.3728

 4.9236, 0.4704,
0.4331

 149.0836, 0.3670,
0.3697

 2.2025, 0.5306,
0.4694

185.4453, 0.3632,
0.3669

 0.7213, 0.5523,
0.4477

227.2852, 0.3599,

 0.0000, 0.0000,

0.3646

0.0000

274.9878, 0.3570,
0.3625

■ 35.9947, 0.3992,
0.3918

■ 35.9947, 0.3992,
0.3918

■ 32.8067, 0.4238,
0.4048

■ 39.4912, 0.3761,
0.3776

■ 29.9114, 0.4492,
0.4156

■ 43.3011, 0.3551,
0.3629

■ 27.2990, 0.4742,
0.4228

■ 47.4355, 0.3362,
0.3485

■ 24.9566, 0.4974,
0.4254

■ 51.9033, 0.3194,
0.3347

■ 22.8696, 0.5173,
0.4226

■ 56.7129, 0.3046,
0.3217

■ 21.7868, 0.5275,
0.4194

■ 61.8726, 0.2916,
0.3097

■ 67.3902, 0.2802,
0.2985

■ 72.7343, 0.2746,
0.2967

■ 77.6225, 0.2754,
0.3064

Harmonies

Analogous

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



35.9947, 0.4074, 0.3572



35.9947, 0.3992, 0.3918



35.9947, 0.3673, 0.4131

Triad

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



35.9947, 0.3992, 0.3918



35.9947, 0.2421, 0.3326



35.9947, 0.2976, 0.2617

Complementary

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



35.9947, 0.3992, 0.3918



27.9441, 0.2410, 0.2556

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.



35.9947, 0.2565, 0.2528



35.9947, 0.3992, 0.3918



35.9947, 0.2265, 0.2893

Square

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



35.9947, 0.3992, 0.3918



35.9947, 0.2764, 0.3792



35.9947, 0.2316, 0.2616



35.9947, 0.3461, 0.2853

Rectangle

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



35.9947, 0.3992, 0.3918



35.9947, 0.3378, 0.4143



35.9947, 0.2316, 0.2616



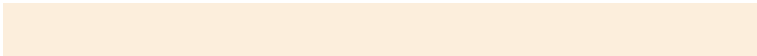
35.9947, 0.2825, 0.2569

Sweetspot

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



35.9964, 0.3992, 0.3918



86.8278, 0.3342, 0.3469



24.3350, 0.3732, 0.2755



18.6305, 0.3382, 0.3501



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.



35.9964, 0.3992, 0.3918



59.7128, 0.4226, 0.4042



50.7553, 0.3753, 0.4377



10.9699, 0.3276, 0.3416



14.4913, 0.5257, 0.4208



0.7624, 0.4958, 0.4445

Inverse Universe

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



27.9441, 0.2410, 0.2556



43.3170, 0.2257, 0.2363



17.9899, 0.2327, 0.1935



10.4832, 0.2984, 0.3161



7.3032, 0.1735, 0.1444



0.4531, 0.1855, 0.1876

Previews

White Background



This preview shows how the Yxy color 35.9947, 0.3992, 0.3918 looks on a white background.

Color Contrast Check

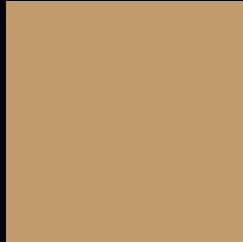
Large Text (above 18pt) WCAG AA × Fail

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 35.9947, 0.3992, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

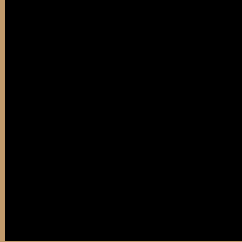
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9947, 0.3992, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 35.9947, 0.3992, 0.3918.



This preview shows how white text looks on a background with the Yxy color 35.9947, 0.3992, 0.3918.

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

35.9947, 0.3992, 0.3918

Protanopia

36.1023, 0.3726, 0.4020

Deuteranopia

35.9947, 0.3992, 0.3918



Tritanopia

35.8600, 0.3539, 0.3135

Trichromacy



Original Color

35.9947, 0.3992, 0.3918

Protanomaly

35.8671, 0.3824, 0.3975

Deuteranomaly

35.9947, 0.3992, 0.3918

Tritanomaly

35.9266, 0.3708, 0.3425

Monochromacy



Original Color

35.9947, 0.3992, 0.3918

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6335, 0.3424, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9947, 0.3992, 0.3918 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, 155, 108)` looks like.

```
.text, #text, p{  
    color:rgb(194, 155, 108)  
}
```

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, 155, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 155, 108) }
```

Border

The CSS property to change the border of an element to Yxy 35.9947, 0.3992, 0.3918 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, 155, 108) }
```

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

```
.border{ border-color:rgb(194, 155, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 155, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 155, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 155, 108);  
box-shadow:4px 4px 4px 4px rgb(194, 155,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9947, 0.3992, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 155, 108) }
```

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

```
.background{ background-color: rgb(194,  
155, 108) }
```

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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