

Converting Colors

$Yxy(35.1878, 0.3700, 0.3914)$

Have a look what the booklet for
Yxy(35.1878, 0.3700, 0.3914)
contains.

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Color

Yxy(35.1712, 0.3694, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	AF9F74
RGB	175, 159, 116
RGB Percent	69%, 62%, 45%
CMY	0.3137, 0.3764, 0.5452
CMYK	0.00, 0.09, 0.34, 0.31
HSL	44°, 27%, 57%
HSV	44°, 34%, 69%
XYZ	33.2282, 35.1712, 21.5525
YIQ	158.8820, 23.3390, -9.9810

Conversions

Conversions Part 2

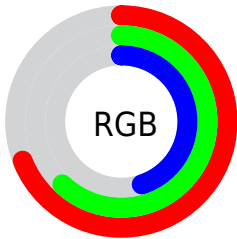
Format	Color
RYB	138, 175, 116
Decimal	11509620
CIELab	65.88, -0.71, 24.62
CIELCh	66, 24.628, 91.649
Yxy	35.1712, 0.3694, 0.3910
Android (android.graphics.Color)	4289699700 (0xFFAF9F74)
YUV	158.8820, -21.1408, 14.1355
Hunter-Lab	59.3053, -3.7723, 19.9668

Details

The Yxy color **35.1712, 0.3694, 0.3910** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3000, 0.2567, 0.2580**, and the grayscale version is **34.7045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9092, 0.3584, 0.3799**, and **15.2679, 0.3875, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **33.2036, 0.3883, 0.4093**, and if you desaturate by 10%, it is **37.2813, 0.3512, 0.3722**.

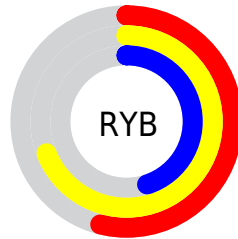
Distribution



Red (69%)

Green (62%)

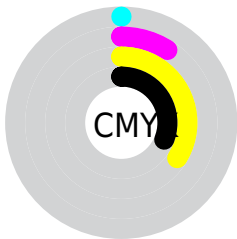
Blue (45%)



Red (54%)

Yellow (69%)

Blue (45%)

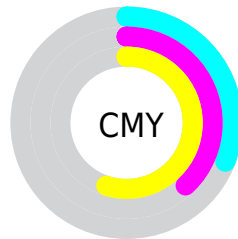


Cyan (0%)

Magenta (9%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1712, 0.3694, 0.3910 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 35.1712, 0.3694, 0.3910 by changing the saturation by 10% instead.


 35.1712, 0.3694,
0.3910


 35.1712, 0.3694,
0.3910


325.3234, 0.3400,
0.3588


 23.7948, 0.3769,
0.3993


 67.7509, 0.3585,
0.3791

 15.1815, 0.3867,
0.4101


 89.7230, 0.3545,
0.3746

 8.9468, 0.3996,
0.4244


 115.9957, 0.3511,
0.3709

 4.7065, 0.4173,
0.4442

146.9535, 0.3483,
0.3678

 2.0761, 0.4612,
0.4929

182.9808, 0.3458,
0.3651

 0.6511, 0.4802,
0.5198

224.4619, 0.3436,

 0.0000, 0.0000,

0.3627

0.0000

271.7813, 0.3417,
0.3606

■ 35.1712, 0.3694,
0.3910

■ 35.1712, 0.3694,
0.3910

■ 33.2036, 0.3883,
0.4093

■ 37.2813, 0.3512,
0.3722

■ 31.3686, 0.4074,
0.4261

■ 39.5337, 0.3341,
0.3536

■ 29.6625, 0.4260,
0.4406


■ 41.9345, 0.3183,
0.3355

■ 28.0791, 0.4431,
0.4515


■ 44.4877, 0.3038,
0.3184


■ 26.6117, 0.4580,
0.4582


■ 47.1972, 0.2908,
0.3023

 25.2522, 0.4701,
0.4601

 50.0669, 0.2790,
0.2875

 24.4440, 0.4767,
0.4597

 53.1004, 0.2685,
0.2738

 56.2381, 0.2596,
0.2622

 58.4245, 0.2603,
0.2679

Harmonies

Analogous

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



35.1712, 0.3870, 0.3692



35.1712, 0.3694, 0.3910



35.1712, 0.3370, 0.3965

Triad

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



35.1712, 0.3694, 0.3910



35.1712, 0.2466, 0.3118



35.1712, 0.3230, 0.2842

Complementary

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



35.1712, 0.3694, 0.3910



23.3000, 0.2567, 0.2580

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.



35.1712, 0.2855, 0.2697



35.1712, 0.3694, 0.3910



35.1712, 0.2433, 0.2833

Square

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



35.1712, 0.3694, 0.3910



35.1712, 0.2666, 0.3484



35.1712, 0.2571, 0.2688



35.1712, 0.3596, 0.3090

Rectangle

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



35.1712, 0.3694, 0.3910



35.1712, 0.3118, 0.3884



35.1712, 0.2571, 0.2688



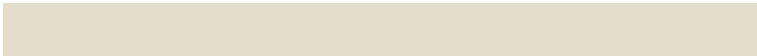
35.1712, 0.3100, 0.2780

Sweetspot

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



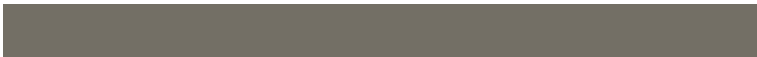
35.1728, 0.3694, 0.3910



72.3026, 0.3283, 0.3470



23.2841, 0.3677, 0.3043



15.9402, 0.3305, 0.3496



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.1728, 0.3694, 0.3910



60.5127, 0.3825, 0.4038



39.6231, 0.3502, 0.4151



8.9576, 0.3269, 0.3455



17.6113, 0.4758, 0.4604



0.5742, 0.4553, 0.4767

Inverse Universe

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



23.3000, 0.2567, 0.2580



36.1997, 0.2439, 0.2403



20.2289, 0.2659, 0.2339



8.0972, 0.2986, 0.3120



3.7860, 0.1599, 0.0957



0.1966, 0.1770, 0.1570

Previews

White Background



This preview shows how the Yxy color 35.1712, 0.3694, 0.3910 looks on a white background.

Color Contrast Check

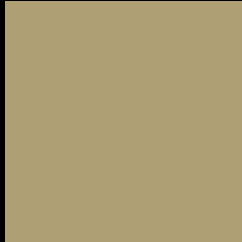
Large Text (above 18pt) WCAG AA × Fail

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 35.1712, 0.3694, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

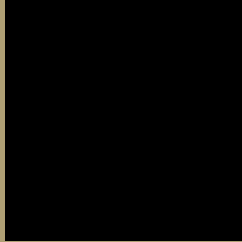
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1712, 0.3694, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 35.1712, 0.3694, 0.3910.



This preview shows how white text looks on a background with the Yxy color 35.1712, 0.3694, 0.3910.

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

35.1712, 0.3694, 0.3910

Protanopia

35.1732, 0.3658, 0.3930

Deuteranopia

35.0140, 0.3872, 0.3783



Tritanopia

35.3228, 0.3295, 0.3126

Trichromacy



Original Color

35.1712, 0.3694, 0.3910

Protanomaly

35.2868, 0.3668, 0.3928

Deuteranomaly

35.0413, 0.3809, 0.3820

Tritanomaly

35.1330, 0.3447, 0.3404

Monochromacy



Original Color

35.1712, 0.3694, 0.3910

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7788, 0.3333, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1712, 0.3694, 0.3910 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(175, 159, 116)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 116)  
}
```

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(175, 159, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 116) }
```

Border

The CSS property to change the border of an element to Yxy 35.1712, 0.3694, 0.3910 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(175, 159, 116) }
```

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

```
.border{ border-color:rgb(175, 159, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 116);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1712, 0.3694, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 116) }
```

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

```
.background{ background-color: rgb(175,  
159, 116) }
```

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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