

Converting Colors

$Y_{xy}(35.0012, 0.3778, 0.3969)$

Have a look what the booklet for
Yxy(35.0012, 0.3778, 0.3969)
contains.

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Color

Yxy(35.0445, 0.3787, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	B29E6E
RGB	178, 158, 110
RGB Percent	70%, 62%, 43%
CMY	0.3019, 0.3804, 0.5686
CMYK	0.00, 0.11, 0.38, 0.30
HSL	42°, 31%, 56%
HSV	42°, 38%, 70%
XYZ	33.4039, 35.0445, 19.7583
YIQ	158.5080, 27.3280, -10.6880

Conversions

Conversions Part 2

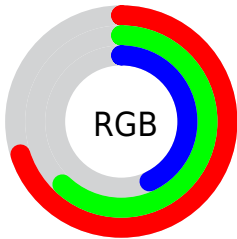
Format	Color
RYB	138, 178, 110
Decimal	11705966
CIELab	65.78, 0.34, 27.78
CIELCh	66, 27.778, 89.309
Yxy	35.0445, 0.3787, 0.3973
Android (android.graphics.Color)	4289896046 (0xFFB29E6E)
YUV	158.5080, -23.9144, 17.0945
Hunter-Lab	59.1984, -2.8751, 21.6500

Details

The Yxy color **35.0445, 0.3787, 0.3973** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.5019, 0.2488, 0.2494**, and the grayscale version is **34.5382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8593, 0.3663, 0.3849**, and **15.1483, 0.3977, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **32.9472, 0.3984, 0.4146**, and if you desaturate by 10%, it is **37.2992, 0.3597, 0.3791**.

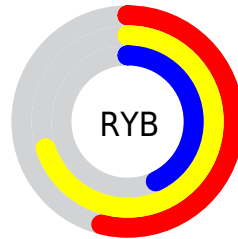
Distribution



Red (70%)

Green (62%)

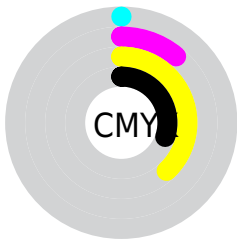
Blue (43%)



Red (54%)

Yellow (70%)

Blue (43%)

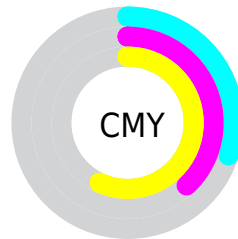


Cyan (0%)

Magenta (11%)

Yellow (38%)

Black (30%)



Cyan (30%)


Magenta (38%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0445, 0.3787, 0.3973 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 35.0445, 0.3787, 0.3973 by changing the saturation by 10% instead.


 35.0445, 0.3787,
0.3973


 35.0445, 0.3787,
0.3973


324.7647, 0.3446,
0.3620

 23.6972, 0.3874,
0.4063


 67.5547, 0.3661,
0.3843

 15.1091, 0.3985,
0.4177


 89.4863, 0.3614,
0.3795

 8.8960, 0.4132,
0.4328


 115.7149, 0.3575,
0.3754

 4.6734, 0.4328,
0.4528

 146.6247, 0.3542,
0.3720

 2.0569, 0.4891,
0.5109

182.6002, 0.3513,
0.3690

 0.6402, 0.4906,
0.5094

224.0258, 0.3487,

 0.0000, 0.0000,

0.3664

0.0000

271.2858, 0.3465,
0.3641

■ 35.0445, 0.3787,
0.3973

■ 35.0445, 0.3787,
0.3973

■ 32.9472, 0.3984,
0.4146

■ 37.2992, 0.3597,
0.3791

■ 30.9967, 0.4180,
0.4301

■ 39.7115, 0.3418,
0.3609

■ 29.1885, 0.4369,
0.4427


■ 42.2881, 0.3252,
0.3430


■ 27.5158, 0.4541,
0.4515


■ 45.0335, 0.3101,
0.3260


■ 25.9707, 0.4688,
0.4556

■ 47.9520, 0.2964,
0.3100

 24.5408, 0.4806,
0.4552

 51.0480, 0.2842,
0.2951

 24.2924, 0.4827,
0.4549

 54.3253, 0.2732,
0.2814

 57.7879, 0.2634,
0.2687

 60.4199, 0.2626,
0.2723

Harmonies

Analogous

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



35.0445, 0.3972, 0.3712



35.0445, 0.3787, 0.3973



35.0445, 0.3429, 0.4060

Triad

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



35.0445, 0.3787, 0.3973



35.0445, 0.2397, 0.3122



35.0445, 0.3207, 0.2771

Complementary

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



35.0445, 0.3787, 0.3973



22.5019, 0.2488, 0.2494

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.



35.0445, 0.2790, 0.2620



35.0445, 0.3787, 0.3973



35.0445, 0.2346, 0.2792

Square

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



35.0445, 0.3787, 0.3973



35.0445, 0.2631, 0.3541



35.0445, 0.2484, 0.2621



35.0445, 0.3627, 0.3040

Rectangle

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



35.0445, 0.3787, 0.3973



35.0445, 0.3147, 0.3983



35.0445, 0.2484, 0.2621



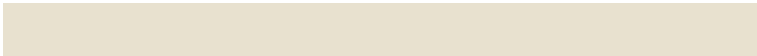
35.0445, 0.3061, 0.2706

Sweetspot

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



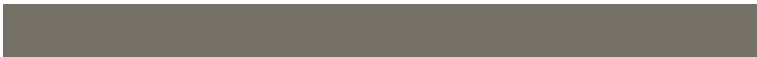
35.0461, 0.3787, 0.3973



75.2470, 0.3300, 0.3483



22.2434, 0.3767, 0.2993



16.5315, 0.3322, 0.3507



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.0461, 0.3787, 0.3973



60.2569, 0.3956, 0.4123



40.9079, 0.3559, 0.4266



9.4758, 0.3270, 0.3450



17.4919, 0.4818, 0.4556



0.6456, 0.4607, 0.4724

Inverse Universe

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



22.5019, 0.2488, 0.2494



34.2315, 0.2332, 0.2275



18.6253, 0.2571, 0.2190



8.6242, 0.2985, 0.3125



4.1787, 0.1613, 0.1008



0.2353, 0.1776, 0.1592

Previews

White Background



This preview shows how the Yxy color 35.0445, 0.3787, 0.3973 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 35.0445, 0.3787, 0.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

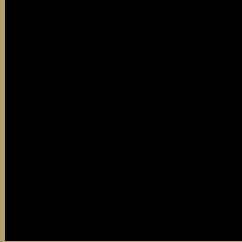
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

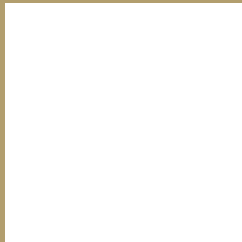
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0445, 0.3787, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 35.0445, 0.3787, 0.3973.



This preview shows how white text looks on a background with the Yxy color 35.0445, 0.3787, 0.3973.

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

35.0445, 0.3787, 0.3973

Protanopia

35.1735, 0.3715, 0.3999

Deuteranopia

35.0065, 0.3943, 0.3861



Tritanopia

34.9679, 0.3348, 0.3127

Trichromacy



Original Color

35.0445, 0.3787, 0.3973

Protanomaly

35.0579, 0.3741, 0.3981

Deuteranomaly

35.0295, 0.3878, 0.3899

Tritanomaly

35.0699, 0.3510, 0.3431

Monochromacy



Original Color

35.0445, 0.3787, 0.3973

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8264, 0.3362, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0445, 0.3787, 0.3973 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(178, 158, 110)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 110)  
}
```

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(178, 158, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 110) }
```

Border

The CSS property to change the border of an element to Yxy 35.0445, 0.3787, 0.3973 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(178, 158, 110) }
```

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

```
.border{ border-color:rgb(178, 158, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 110);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0445, 0.3787, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 110) }
```

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

```
.background{ background-color: rgb(178,  
158, 110) }
```

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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