

Converting Colors

$Y_{xy}(35.1099, 0.3933, 0.4272)$

Have a look what the booklet for
Yxy(35.1099, 0.3933, 0.4272)
contains.

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Color

Yxy(35.1099, 0.3933, 0.4272)

Conversions

Conversions Part 1

Format	Color
Hex	B0A05A
RGB	176, 160, 90
RGB Percent	69%, 63%, 35%
CMY	0.3098, 0.3726, 0.6469
CMYK	0.00, 0.09, 0.49, 0.31
HSL	49°, 35%, 52%
HSV	49°, 49%, 69%
XYZ	32.3238, 35.1099, 14.7524
YIQ	156.8040, 32.0060, -18.3780

Conversions

Conversions Part 2

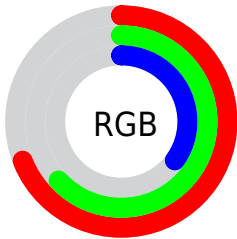
Format	Color
RYB	110, 176, 90
Decimal	11575386
CIELab	65.83, -3.73, 38.37
CIELCh	66, 38.552, 95.550
Yxy	35.1099, 0.3933, 0.4272
Android (android.graphics.Color)	4289765466 (0xFFB0A05A)
YUV	156.8040, -32.9344, 16.8349
Hunter-Lab	59.2536, -6.3192, 26.7161

Details

The Yxy color **35.1099, 0.3933, 0.4272** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.6272, 0.2264, 0.2055**, and the grayscale version is **33.7668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8476, 0.3788, 0.4098**, and **15.1623, 0.4141, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **33.7247, 0.4098, 0.4443**, and if you desaturate by 10%, it is **36.5993, 0.3761, 0.4080**.

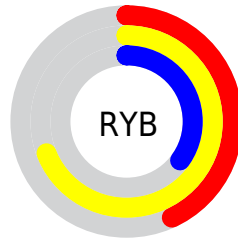
Distribution



Red (69%)

Green (63%)

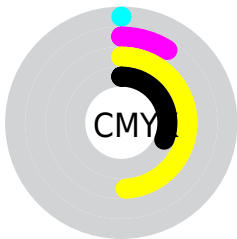
Blue (35%)



Red (43%)

Yellow (69%)

Blue (35%)

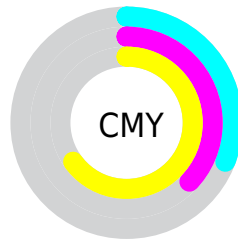


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (31%)



Cyan (31%)


Magenta (37%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1099, 0.3933, 0.4272 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 35.1099, 0.3933, 0.4272 by changing the saturation by 10% instead.


 35.1099, 0.3933,
0.4272


 35.1099, 0.3933,
0.4272


325.0532, 0.3527,
0.3767


 23.7475, 0.4030,
0.4397


 67.6560, 0.3788,
0.4088


 15.1465, 0.4148,
0.4552


 89.6085, 0.3732,
0.4019

 8.9222, 0.4291,
0.4748


 115.8599, 0.3685,
0.3961

 4.6905, 0.4498,
0.5039

 146.7945, 0.3644,
0.3911

 2.0668, 0.4667,
0.5333

182.7967, 0.3609,
0.3867

 0.6459, 0.4474,
0.5526

224.2510, 0.3578,

 0.0000, 0.0000,

0.3830

0.0000

271.5417, 0.3551,
0.3797

■ 35.1099, 0.3933,
0.4272

■ 35.1099, 0.3933,
0.4272

■ 33.7247, 0.4098,
0.4443

■ 36.5993, 0.3761,
0.4080

■ 32.4335, 0.4248,
0.4584

■ 38.1928, 0.3588,
0.3876

■ 31.2320, 0.4376,
0.4685

■ 39.8966, 0.3420,
0.3669

■ 30.1131, 0.4479,
0.4741

■ 41.7146, 0.3260,
0.3464

■ 29.0643, 0.4555,
0.4757

■ 43.6508, 0.3111,
0.3268

■ 28.9463, 0.4564,
0.4758

■ 45.7088, 0.2973,
0.3082

■ 47.8920, 0.2847,
0.2909

■ 50.2038, 0.2733,
0.2748

■ 52.6473, 0.2630,
0.2601

Harmonies

Analogous

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



35.1099, 0.4261, 0.3926



35.1099, 0.3933, 0.4272



35.1099, 0.3405, 0.4362

Triad

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



35.1099, 0.3933, 0.4272



35.1099, 0.2106, 0.2930



35.1099, 0.3356, 0.2656

Complementary

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



35.1099, 0.3933, 0.4272



15.6272, 0.2264, 0.2055

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.



35.1099, 0.2767, 0.2420



35.1099, 0.3933, 0.4272



35.1099, 0.2096, 0.2533

Square

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



35.1099, 0.3933, 0.4272



35.1099, 0.2361, 0.3508



35.1099, 0.2324, 0.2369



35.1099, 0.3926, 0.3030

Rectangle

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



35.1099, 0.3933, 0.4272



35.1099, 0.3016, 0.4212



35.1099, 0.2324, 0.2369



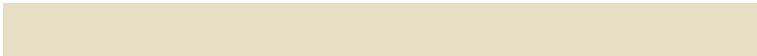
35.1099, 0.3151, 0.2559

Sweetspot

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



35.1115, 0.3933, 0.4272



73.5067, 0.3362, 0.3595



17.6153, 0.4182, 0.3040



15.7856, 0.3395, 0.3637



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.



35.1115, 0.3933, 0.4272



60.8705, 0.4116, 0.4462



38.2988, 0.3580, 0.4571



9.6322, 0.3268, 0.3474



21.3147, 0.4559, 0.4762



0.7403, 0.4441, 0.4856

Inverse Universe

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



15.6272, 0.2264, 0.2055



21.3379, 0.2053, 0.1720



14.1535, 0.2468, 0.1871



8.4778, 0.2985, 0.3099



3.1540, 0.1554, 0.0793



0.1755, 0.1687, 0.1273

Previews

White Background



This preview shows how the Yxy color 35.1099, 0.3933, 0.4272 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 35.1099, 0.3933, 0.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

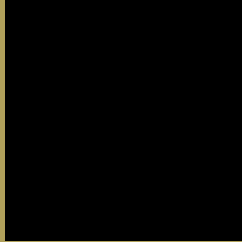
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1099, 0.3933, 0.4272

Background



This preview shows how black text looks on a background with the Yxy color 35.1099, 0.3933, 0.4272.



This preview shows how white text looks on a background with the Yxy color 35.1099, 0.3933, 0.4272.

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

35.1099, 0.3933, 0.4272

Protanopia

35.1099, 0.3933, 0.4272

Deuteranopia

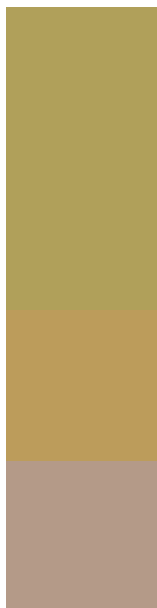
35.1573, 0.4166, 0.4088



Tritanopia

34.8448, 0.3338, 0.3126

Trichromacy



Original Color

35.1099, 0.3933, 0.4272

Protanomaly

35.1099, 0.3933, 0.4272

Deuteranomaly

35.2236, 0.4079, 0.4163

Tritanomaly

34.5921, 0.3570, 0.3546

Monochromacy



Original Color

35.1099, 0.3933, 0.4272

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0397, 0.3420, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1099, 0.3933, 0.4272 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(176, 160, 90)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 90)  
}
```

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(176, 160, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 90) }
```

Border

The CSS property to change the border of an element to Yxy 35.1099, 0.3933, 0.4272 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(176, 160, 90) }
```

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

```
.border{ border-color:rgb(176, 160, 90) }
```

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

Here you see how a box with a 4 pixel rgb(176, 160, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 160, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 160, 90);  
box-shadow:4px 4px 4px 4px rgb(176, 160,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1099, 0.3933, 0.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 90) }
```

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

```
.background{ background-color: rgb(176,  
160, 90) }
```

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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