

Converting Colors

$Yxy(35.5809, 0.3704, 0.4453)$

Have a look what the booklet for
Yxy(35.5809, 0.3704, 0.4453)
contains.

Yxy(35.5268, 0.3700, 0.4452)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5268, 0.3700, 0.4452)

Conversions

Conversions Part 1

Format	Color
Hex	9DA759
RGB	157, 167, 89
RGB Percent	62%, 65%, 35%
CMY	0.3843, 0.3451, 0.6511
CMYK	0.06, 0.00, 0.47, 0.35
HSL	68°, 31%, 50%
HSV	68°, 47%, 65%
XYZ	29.5259, 35.5268, 14.7470
YIQ	155.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

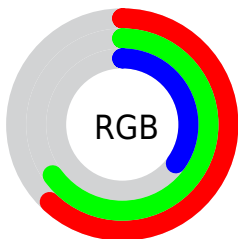
Format	Color
RYB	89, 167, 99
Decimal	10331993
CIELab	66.16, -15.49, 38.94
CIELCh	66, 41.910, 111.698
Yxy	35.5268, 0.3700, 0.4452
Android (android.graphics.Color)	4288522073 (0xFF9DA759)
YUV	155.1180, -32.5962, 1.6505
Hunter-Lab	59.6044, -15.8851, 27.0539

Details

The Yxy color **35.5268, 0.3700, 0.4452** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.5829, 0.2362, 0.1894**, and the grayscale version is **32.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3118, 0.3603, 0.4217**, and **15.3577, 0.3831, 0.4813** is the 20% darker color. If you saturate the color by 10%, you get **35.0655, 0.3799, 0.4675**, and if you desaturate by 10%, it is **36.0587, 0.3587, 0.4209**.

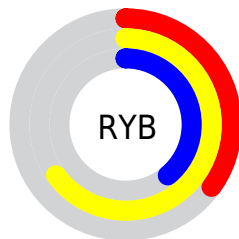
Distribution



Red (62%)

Green (65%)

Blue (35%)



Red (35%)

Yellow (65%)

Blue (39%)

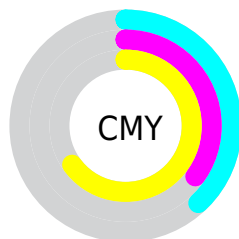


Cyan (6%)

Magenta (0%)

Yellow (47%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5268, 0.3700, 0.4452 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 35.5268, 0.3700, 0.4452 by changing the saturation by 10% instead.


 35.5268, 0.3700,
0.4452


 35.5268, 0.3700,
0.4452


326.8875, 0.3423,
0.3837

 24.0690, 0.3760,
0.4612


 68.3011, 0.3605,
0.4223


 15.3848, 0.3829,
0.4817


 90.3863, 0.3567,
0.4138

 9.0899, 0.3903,
0.5087


 116.7827, 0.3534,
0.4067

 4.7999, 0.4003,
0.5503

 147.8748, 0.3506,
0.4007

 2.1303, 0.3998,
0.6002

184.0470, 0.3482,
0.3956

 0.6816, 0.2834,
0.7166

225.6835, 0.3460,

 0.0000, 0.0000,

0.3911

0.0000

273.1689, 0.3440,
0.3872

■ 35.5268, 0.3700,
0.4452

■ 35.5268, 0.3700,
0.4452

■ 35.0655, 0.3799,
0.4675

■ 36.0587, 0.3587,
0.4209

■ 34.6657, 0.3878,
0.4869

■ 36.6604, 0.3464,
0.3955

■ 34.3239, 0.3933,
0.5025


■ 37.3371, 0.3338,
0.3700

■ 34.0346, 0.3964,
0.5138


■ 38.0923, 0.3211,
0.3451

■ 33.7894, 0.3971,
0.5209

■ 38.9291, 0.3087,
0.3213

 33.7131, 0.3971,
0.5229

 39.8504, 0.2969,
0.2990

 40.8592, 0.2858,
0.2783

 41.9582, 0.2755,
0.2593

 43.1498, 0.2659,
0.2421

Harmonies

Analogous

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



35.5268, 0.4193, 0.4193



35.5268, 0.3700, 0.4452



35.5268, 0.3081, 0.4343

Triad

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



35.5268, 0.3700, 0.4452



35.5268, 0.1994, 0.2636



35.5268, 0.3723, 0.2809

Complementary

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



35.5268, 0.3700, 0.4452



12.5829, 0.2362, 0.1894

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.



35.5268, 0.3067, 0.2472



35.5268, 0.3700, 0.4452



35.5268, 0.2121, 0.2350

Square

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



35.5268, 0.3700, 0.4452



35.5268, 0.2123, 0.3168



35.5268, 0.2492, 0.2306



35.5268, 0.4235, 0.3258

Rectangle

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



35.5268, 0.3700, 0.4452



35.5268, 0.2683, 0.4036



35.5268, 0.2492, 0.2306



35.5268, 0.3508, 0.2681

Sweetspot

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



35.5284, 0.3700, 0.4452



67.1845, 0.3306, 0.3638



17.6874, 0.4294, 0.3435



14.9739, 0.3333, 0.3691



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.5284, 0.3700, 0.4452



62.7734, 0.3801, 0.4682



32.2742, 0.3319, 0.4615



8.7243, 0.3243, 0.3514



25.8107, 0.3973, 0.5227



0.6411, 0.4051, 0.5166

Inverse Universe

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



12.5829, 0.2362, 0.1894



16.6231, 0.2160, 0.1550



15.2576, 0.2801, 0.2047



7.3449, 0.3005, 0.3058



2.2730, 0.1557, 0.0631



0.0688, 0.1774, 0.0751

Previews

White Background



This preview shows how the Yxy color 35.5268, 0.3700, 0.4452 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 35.5268, 0.3700, 0.4452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

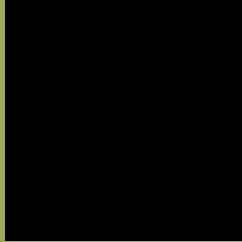
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5268, 0.3700, 0.4452

Background



This preview shows how black text looks on a background with the Yxy color 35.5268, 0.3700, 0.4452.



This preview shows how white text looks on a background with the Yxy color 35.5268, 0.3700, 0.4452.

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

35.5268, 0.3700, 0.4452

Protanopia

35.5250, 0.3962, 0.4318

Deuteranopia

35.2909, 0.4176, 0.4084



Tritanopia

35.4630, 0.3097, 0.3119

Trichromacy



Original Color

35.5268, 0.3700, 0.4452

Protanomaly

35.4450, 0.3867, 0.4360

Deuteranomaly

35.1541, 0.4002, 0.4211

Tritanomaly

35.1994, 0.3328, 0.3587

Monochromacy



Original Color

35.5268, 0.3700, 0.4452

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.5029, 0.3354, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5268, 0.3700, 0.4452 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(157, 167, 89)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 89)  
}
```

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(157, 167, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 89) }
```

Border

The CSS property to change the border of an element to Yxy 35.5268, 0.3700, 0.4452 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(157, 167, 89) }
```

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

```
.border{ border-color:rgb(157, 167, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 167, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 167, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 167, 89);  
box-shadow:4px 4px 4px 4px rgb(157, 167,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5268, 0.3700, 0.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 89) }
```

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

```
.background{ background-color: rgb(157,  
167, 89) }
```

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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