

Converting Colors

$Y_{xy}(35.2422, 0.3765, 0.4593)$

Have a look what the booklet for
Yxy(35.2422, 0.3765, 0.4593)
contains.

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Color

Yxy(35.2699, 0.3764, 0.4587)

Conversions

Conversions Part 1

Format	Color
Hex	9CA74F
RGB	156, 167, 79
RGB Percent	61%, 65%, 31%
CMY	0.3882, 0.3451, 0.6902
CMYK	0.07, 0.00, 0.53, 0.35
HSL	67°, 36%, 48%
HSV	67°, 53%, 65%
XYZ	28.9418, 35.2699, 12.6793
YIQ	153.6790, 21.6920, -29.7000

Conversions

Conversions Part 2

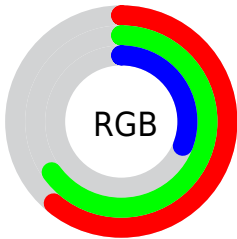
Format	Color
RYB	79, 167, 90
Decimal	10266447
CIELab	65.96, -16.89, 43.64
CIELCh	66, 46.795, 111.154
Yxy	35.2699, 0.3764, 0.4587
Android (android.graphics.Color)	4288456527 (0xFF9CA74F)
YUV	153.6790, -36.8167, 2.0355
Hunter-Lab	59.3885, -16.9414, 28.9136

Details

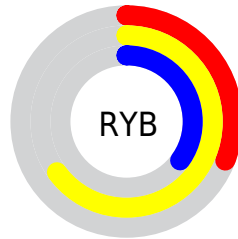
The Yxy color **35.2699, 0.3764, 0.4587** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.5556, 0.2241, 0.1692**, and the grayscale version is **32.3255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8783, 0.3659, 0.4329**, and **15.2289, 0.3904, 0.4981** is the 20% darker color. If you saturate the color by 10%, you get **34.8517, 0.3852, 0.4793**, and if you desaturate by 10%, it is **35.7559, 0.3658, 0.4355**.

Distribution



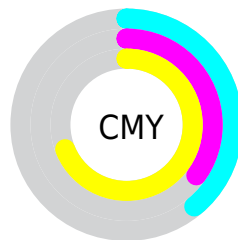
- Red (61%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (35%)



- Cyan (7%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)





- Cyan (39%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2699, 0.3764, 0.4587 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 35.2699, 0.3764, 0.4587 by changing the saturation by 10% instead.

 35.2699, 0.3764,
0.4587


 35.2699, 0.3764,
0.4587


325.7581, 0.3462,
0.3903

 23.8709, 0.3826,
0.4762


 67.9037, 0.3662,
0.4333

 15.2378, 0.3894,
0.4983


 89.9072, 0.3621,
0.4239

 8.9865, 0.3958,
0.5268


 116.2143, 0.3585,
0.4160

 4.7324, 0.4107,
0.5798

 147.2095, 0.3554,
0.4093

 2.0911, 0.3910,
0.6090

 183.2770, 0.3527,
0.4036

 0.6596, 0.2456,
0.7544

224.8014, 0.3503,

 0.0000, 0.0000,

0.3985

0.0000

272.1669, 0.3481,
0.3942

■ 35.2699, 0.3764,
0.4587

■ 35.2699, 0.3764,
0.4587

■ 34.8517, 0.3852,
0.4793

■ 35.7559, 0.3658,
0.4355

■ 34.4920, 0.3918,
0.4964

■ 36.3092, 0.3540,
0.4107

■ 34.1868, 0.3959,
0.5094

■ 36.9352, 0.3415,
0.3852

■ 33.9299, 0.3975,
0.5180

■ 37.6374, 0.3287,
0.3599

■ 33.7621, 0.3977,
0.5224

■ 38.4192, 0.3161,
0.3354

■ 39.2835, 0.3038,
0.3122

■ 40.2335, 0.2923,
0.2905

■ 41.2718, 0.2814,
0.2704

■ 42.4010, 0.2714,
0.2521

Harmonies

Analogous

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



35.2699, 0.4313, 0.4271



35.2699, 0.3764, 0.4587



35.2699, 0.3078, 0.4490

Triad

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



35.2699, 0.3764, 0.4587



35.2699, 0.1879, 0.2564



35.2699, 0.3778, 0.2748

Complementary

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



35.2699, 0.3764, 0.4587



10.5556, 0.2241, 0.1692

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.



35.2699, 0.3042, 0.2384



35.2699, 0.3764, 0.4587



35.2699, 0.2013, 0.2253

Square

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



35.2699, 0.3764, 0.4587



35.2699, 0.2020, 0.3157



35.2699, 0.2411, 0.2205



35.2699, 0.4361, 0.3235

Rectangle

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



35.2699, 0.3764, 0.4587



35.2699, 0.2637, 0.4147



35.2699, 0.2411, 0.2205



35.2699, 0.3535, 0.2610

Sweetspot

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



35.2715, 0.3764, 0.4587



66.9365, 0.3333, 0.3689



15.9697, 0.4524, 0.3450



14.9234, 0.3358, 0.3739



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.



35.2715, 0.3764, 0.4587



62.3163, 0.3863, 0.4820



31.6957, 0.3331, 0.4798



8.7256, 0.3244, 0.3514



25.8491, 0.3979, 0.5223



0.6417, 0.4054, 0.5163

Inverse Universe

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



10.5556, 0.2241, 0.1692



13.3184, 0.2021, 0.1324



13.3907, 0.2745, 0.1886



7.3438, 0.3005, 0.3058



2.2682, 0.1555, 0.0630



0.0684, 0.1767, 0.0747

Previews

White Background



This preview shows how the Yxy color 35.2699, 0.3764, 0.4587 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 35.2699, 0.3764, 0.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

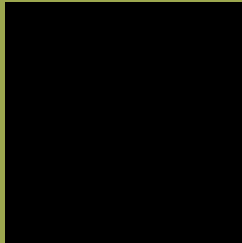
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2699, 0.3764, 0.4587

Background



This preview shows how black text looks on a background with the Yxy color 35.2699, 0.3764, 0.4587.



This preview shows how white text looks on a background with the Yxy color 35.2699, 0.3764, 0.4587.

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

35.2699, 0.3764, 0.4587

Protanopia

35.0245, 0.4048, 0.4425

Deuteranopia

35.2773, 0.4265, 0.4182



Tritanopia

35.1232, 0.3097, 0.3105

Trichromacy



Original Color

35.2699, 0.3764, 0.4587

Protanomaly

35.1795, 0.3934, 0.4488

Deuteranomaly

35.0080, 0.4077, 0.4319

Tritanomaly

34.9773, 0.3355, 0.3649

Monochromacy



Original Color

35.2699, 0.3764, 0.4587

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.2971, 0.3381, 0.3785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2699, 0.3764, 0.4587 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(156, 167, 79)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 79)  
}
```

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(156, 167, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 79) }
```

Border

The CSS property to change the border of an element to Yxy 35.2699, 0.3764, 0.4587 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(156, 167, 79) }
```

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

```
.border{ border-color:rgb(156, 167, 79) }
```

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

Here you see how a box with a 4 pixel rgb(156, 167, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 167, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 167, 79);  
box-shadow:4px 4px 4px 4px rgb(156, 167,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2699, 0.3764, 0.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 79) }
```

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

```
.background{ background-color: rgb(156,  
167, 79) }
```

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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