

Converting Colors

$Yxy(35.5974, 0.3643, 0.4287)$

Have a look what the booklet for
Yxy(35.5974, 0.3643, 0.4287)
contains.

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Color

Yxy(35.5442, 0.3645, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	9FA663
RGB	159, 166, 99
RGB Percent	62%, 65%, 39%
CMY	0.3767, 0.3489, 0.6118
CMYK	0.04, 0.00, 0.40, 0.35
HSL	66°, 27%, 52%
HSV	66°, 40%, 65%
XYZ	30.1790, 35.5442, 17.0725
YIQ	156.2690, 17.3350, -22.3210

Conversions

Conversions Part 2

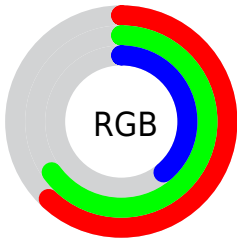
Format	Color
R_{YB}	99, 166, 106
Decimal	10462819
CIE _{Lab}	66.17, -13.07, 33.83
CIE _{LCh}	66, 36.264, 111.131
Yxy	35.5442, 0.3645, 0.4293
Android (android.graphics.Color)	4288652899 (0xFF9FA663)
YUV	156.2690, -28.2336, 2.3951
Hunter-Lab	59.6190, -13.9767, 24.7550

Details

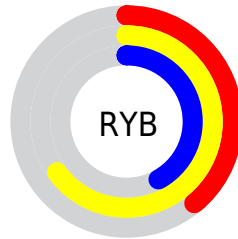
The Yxy color **35.5442, 0.3645, 0.4293** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.7442, 0.2469, 0.2104**, and the grayscale version is **33.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3943, 0.3556, 0.4090**, and **15.3291, 0.3778, 0.4620** is the 20% darker color. If you saturate the color by 10%, you get **35.0826, 0.3758, 0.4527**, and if you desaturate by 10%, it is **36.0768, 0.3521, 0.4045**.

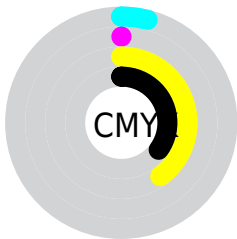
Distribution



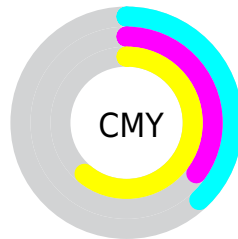
- Red (62%)
- Green (65%)
- Blue (39%)



- Red (39%)
- Yellow (65%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5442, 0.3645, 0.4293 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 35.5442, 0.3645, 0.4293 by changing the saturation by 10% instead.

 35.5442, 0.3645,
0.4293


 35.5442, 0.3645,
0.4293


326.9639, 0.3390,
0.3761

 24.0824, 0.3704,
0.4433


 68.3280, 0.3555,
0.4094


 15.3947, 0.3775,
0.4614


 90.4187, 0.3520,
0.4021

 9.0969, 0.3858,
0.4858


 116.8212, 0.3490,
0.3960

 4.8044, 0.3949,
0.5197

 147.9199, 0.3464,
0.3908

 2.1330, 0.4139,
0.5861

184.0991, 0.3442,
0.3863

 0.6831, 0.3258,
0.6742

225.7432, 0.3422,

 0.0000, 0.0000,

0.3825

0.0000

273.2367, 0.3405,
0.3791

■ 35.5442, 0.3645,
0.4293

■ 35.5442, 0.3645,
0.4293

■ 35.0826, 0.3758,
0.4527

■ 36.0768, 0.3521,
0.4045

■ 34.6832, 0.3854,
0.4736

■ 36.6793, 0.3392,
0.3791

■ 34.3431, 0.3929,
0.4912

■ 37.3567, 0.3261,
0.3541

■ 34.0572, 0.3979,
0.5048

■ 38.1122, 0.3132,
0.3299

■ 33.8195, 0.4004,
0.5140

■ 38.9489, 0.3008,
0.3070

■ 33.6231, 0.4011,
0.5197

■ 39.8695, 0.2891,
0.2856

■ 40.8768, 0.2783,
0.2659

■ 41.9734, 0.2682,
0.2479

■ 43.1617, 0.2590,
0.2316

Harmonies

Analogous

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



35.5442, 0.4066, 0.4081



35.5442, 0.3645, 0.4293



35.5442, 0.3106, 0.4193

Triad

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



35.5442, 0.3645, 0.4293



35.5442, 0.2130, 0.2735



35.5442, 0.3634, 0.2864

Complementary

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



35.5442, 0.3645, 0.4293



14.7442, 0.2469, 0.2104

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.



35.5442, 0.3069, 0.2565



35.5442, 0.3645, 0.4293



35.5442, 0.2239, 0.2471

Square

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



35.5442, 0.3645, 0.4293



35.5442, 0.2253, 0.3203



35.5442, 0.2566, 0.2422



35.5442, 0.4078, 0.3264

Rectangle

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



35.5442, 0.3645, 0.4293



35.5442, 0.2756, 0.3937



35.5442, 0.2566, 0.2422



35.5442, 0.3449, 0.2750

Sweetspot

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



35.5458, 0.3645, 0.4293



67.5444, 0.3285, 0.3587



19.2553, 0.4078, 0.3398



15.0801, 0.3301, 0.3618



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.



35.5458, 0.3645, 0.4293



63.7732, 0.3742, 0.4493



32.6005, 0.3312, 0.4413



8.7331, 0.3247, 0.3514



26.0788, 0.4012, 0.5196



0.6456, 0.4076, 0.5145

Inverse Universe

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



14.7442, 0.2469, 0.2104



21.0036, 0.2300, 0.1814



17.1833, 0.2844, 0.2219



7.3370, 0.3002, 0.3058



2.2416, 0.1544, 0.0624



0.0658, 0.1727, 0.0725

Previews

White Background



This preview shows how the Yxy color 35.5442, 0.3645, 0.4293 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 35.5442, 0.3645, 0.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

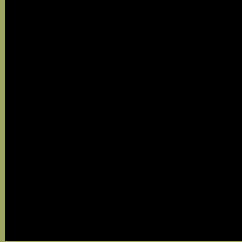
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5442, 0.3645, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 35.5442, 0.3645, 0.4293.



This preview shows how white text looks on a background with the Yxy color 35.5442, 0.3645, 0.4293.

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

35.5442, 0.3645, 0.4293

Protanopia

35.5829, 0.3867, 0.4194

Deuteranopia

35.5398, 0.4056, 0.3981



Tritanopia

35.5715, 0.3106, 0.3120

Trichromacy



Original Color

35.5442, 0.3645, 0.4293

Protanomaly

35.6223, 0.3784, 0.4228

Deuteranomaly

35.2171, 0.3902, 0.4086

Tritanomaly

35.3959, 0.3310, 0.3541

Monochromacy



Original Color

35.5442, 0.3645, 0.4293

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.0590, 0.3325, 0.3671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5442, 0.3645, 0.4293 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(159, 166, 99)` looks like.

```
.text, #text, p{  
    color:rgb(159, 166, 99)  
}
```

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(159, 166, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 166, 99) }
```

Border

The CSS property to change the border of an element to Yxy 35.5442, 0.3645, 0.4293 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(159, 166, 99) }
```

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

```
.border{ border-color:rgb(159, 166, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 166, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 166, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 166, 99);  
box-shadow:4px 4px 4px 4px rgb(159, 166,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5442, 0.3645, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 166, 99) }
```

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

```
.background{ background-color: rgb(159,  
166, 99) }
```

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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