

Converting Colors

Yxy(35.3416, 0.3071, 0.3350)

Have a look what the booklet for
Yxy(35.3416, 0.3071, 0.3350)
contains.

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Color

Yxy(35.4699, 0.3068, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	99A39F
RGB	153, 163, 159
RGB Percent	60%, 64%, 62%
CMY	0.4000, 0.3608, 0.3763
CMYK	0.06, 0.00, 0.02, 0.36
HSL	156°, 5%, 62%
HSV	156°, 6%, 64%
XYZ	32.4938, 35.4699, 37.9482
YIQ	159.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

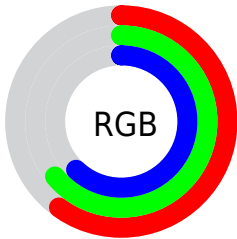
Format	Color
RYB	153, 159, 163
Decimal	10068895
CIELab	66.11, -4.32, 0.83
CIELCh	66, 4.398, 169.168
Yxy	35.4699, 0.3068, 0.3349
Android (android.graphics.Color)	4288258975 (0xFF99A39F)
YUV	159.5540, -0.2731, -5.7479
Hunter-Lab	59.5566, -6.8354, 3.9113

Details

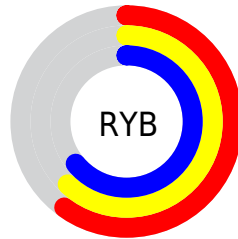
The Yxy color **35.4699, 0.3068, 0.3349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0020, 0.3190, 0.3232**, and the grayscale version is **34.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2632, 0.3075, 0.3335**, and **15.2764, 0.3045, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **33.7733, 0.2974, 0.3454**, and if you desaturate by 10%, it is **37.3980, 0.3165, 0.3255**.

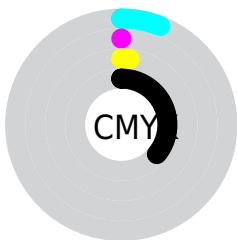
Distribution



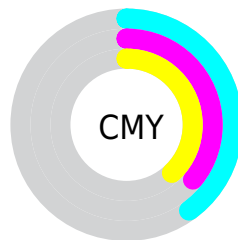
- Red (60%)
- Green (64%)
- Blue (62%)



- Red (60%)
- Yellow (62%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)





- Cyan (40%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4699, 0.3068, 0.3349 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 35.4699, 0.3068, 0.3349 by changing the saturation by 10% instead.


 35.4699, 0.3068,
0.3349


 35.4699, 0.3068,
0.3349


326.6376, 0.3099,
0.3318

 24.0251, 0.3060,
0.3357


 68.2131, 0.3080,
0.3337

 15.3522, 0.3049,
0.3368


 90.2802, 0.3084,
0.3333

 9.0670, 0.3034,
0.3383


116.6569, 0.3087,
0.3330

 4.7849, 0.3011,
0.3406

147.7276, 0.3090,
0.3327

 2.1216, 0.2975,
0.3442

183.8766, 0.3093,
0.3324

 0.6767, 0.2840,
0.3574

225.4883, 0.3095,

 0.0000, 0.0000,

0.3322

0.0000

272.9472, 0.3097,
0.3320

■ 35.4699, 0.3068,
0.3349

■ 35.4699, 0.3068,
0.3349

■ 33.7733, 0.2974,
0.3454

■ 37.3980, 0.3165,
0.3255

■ 32.2947, 0.2884,
0.3569

■ 39.5614, 0.3262,
0.3171

■ 31.0262, 0.2802,
0.3695

■ 41.9696, 0.3358,
0.3097

■ 29.9574, 0.2730,
0.3831

■ 44.6302, 0.3452,
0.3031

■ 29.0774, 0.2671,
0.3974

■ 47.5505, 0.3542,
0.2974

■ 28.3740, 0.2628,
0.4123

■ 50.7374, 0.3630,
0.2924

■ 27.8333, 0.2604,
0.4275

■ 51.8301, 0.3606,
0.2864

■ 27.4396, 0.2599,
0.4427

■ 52.1477, 0.3547,
0.2799

■ 27.1713, 0.2613,
0.4576

■ 52.4784, 0.3488,
0.2736

Harmonies

Analogous

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



35.4699, 0.3134, 0.3392



35.4699, 0.3068, 0.3349



35.4699, 0.3018, 0.3290

Triad

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



35.4699, 0.3068, 0.3349



35.4699, 0.3055, 0.3175



35.4699, 0.3259, 0.3347

Complementary

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



35.4699, 0.3068, 0.3349



33.0020, 0.3190, 0.3232

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.



35.4699, 0.3238, 0.3289



35.4699, 0.3068, 0.3349



35.4699, 0.3119, 0.3191

Square

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



35.4699, 0.3068, 0.3349



35.4699, 0.3010, 0.3189



35.4699, 0.3186, 0.3232



35.4699, 0.3245, 0.3391

Rectangle

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



35.4699, 0.3068, 0.3349



35.4699, 0.3000, 0.3249



35.4699, 0.3186, 0.3232



35.4699, 0.3256, 0.3329

Sweetspot

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



35.4714, 0.3068, 0.3349



64.8893, 0.3107, 0.3309



35.6629, 0.3158, 0.3439



14.5828, 0.3109, 0.3308



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



35.4714, 0.3068, 0.3349



63.2052, 0.3058, 0.3359



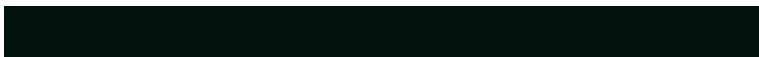
35.2577, 0.3034, 0.3275



8.0378, 0.3056, 0.3362



21.0568, 0.2617, 0.4620



0.4514, 0.2466, 0.4079

Inverse Universe

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



33.0020, 0.3190, 0.3232



58.1007, 0.3201, 0.3222



33.1974, 0.3227, 0.3305



7.3631, 0.3204, 0.3219



6.3540, 0.5344, 0.2718



0.1427, 0.4432, 0.2215

Previews

White Background



This preview shows how the Yxy color 35.4699, 0.3068, 0.3349 looks on a white background.

Color Contrast Check

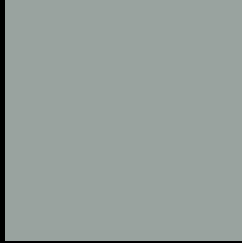
Large Text (above 18pt) WCAG AA × Fail

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 35.4699, 0.3068, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

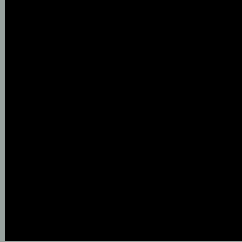
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

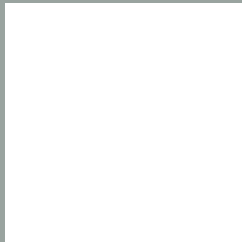
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4699, 0.3068, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 35.4699, 0.3068, 0.3349.



This preview shows how white text looks on a background with the Yxy color 35.4699, 0.3068, 0.3349.

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

35.4699, 0.3068, 0.3349

Protanopia

35.4684, 0.3193, 0.3334

Deuteranopia

35.2460, 0.3280, 0.3206



Tritanopia

35.5143, 0.2960, 0.3101

Trichromacy



Original Color

35.4699, 0.3068, 0.3349

Protanomaly

35.4319, 0.3144, 0.3334

Deuteranomaly

35.3166, 0.3206, 0.3262

Tritanomaly

35.5753, 0.2993, 0.3187

Monochromacy



Original Color

35.4699, 0.3068, 0.3349

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1959, 0.3098, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4699, 0.3068, 0.3349 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(153, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(153, 163, 159)  
}
```

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(153, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 163, 159) }
```

Border

The CSS property to change the border of an element to Yxy 35.4699, 0.3068, 0.3349 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(153, 163, 159) }
```

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

```
.border{ border-color:rgb(153, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(153, 163,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4699, 0.3068, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 163, 159) }
```

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

```
.background{ background-color: rgb(153,  
163, 159) }
```

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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