

Converting Colors

$Yxy(35.5046, 0.2642, 0.3617)$

Have a look what the booklet for
Yxy(35.5046, 0.2642, 0.3617)
contains.

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Color

Yxy(35.4399, 0.2639, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	5EAF9C
RGB	94, 175, 156
RGB Percent	37%, 69%, 61%
CMY	0.6315, 0.3137, 0.3882
CMYK	0.46, 0.00, 0.11, 0.31
HSL	166°, 34%, 53%
HSV	166°, 46%, 69%
XYZ	25.9434, 35.4399, 36.9243
YIQ	148.6150, -42.1770, -23.0810

Conversions

Conversions Part 2

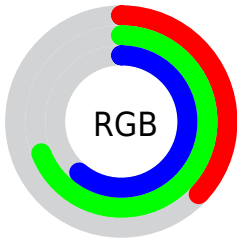
Format	Color
RYB	94, 140, 175
Decimal	6205340
CIELab	66.09, -29.50, 2.06
CIELCh	66, 29.568, 175.997
Yxy	35.4399, 0.2639, 0.3605
Android (android.graphics.Color)	4284395420 (0xFF5EAF9C)
YUV	148.6150, 3.6408, -47.8974
Hunter-Lab	59.5314, -26.3909, 4.8974

Details

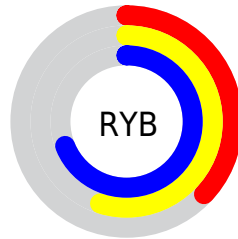
The Yxy color **35.4399, 0.2639, 0.3605** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.3050, 0.4055, 0.3010**, and the grayscale version is **29.8792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1945, 0.2737, 0.3549**, and **15.3323, 0.2482, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **34.4824, 0.2567, 0.3686**, and if you desaturate by 10%, it is **36.6147, 0.2726, 0.3528**.

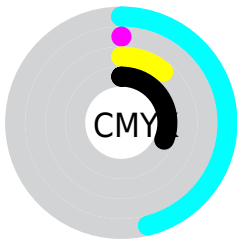
Distribution



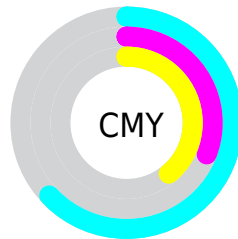
- Red (37%)
- Green (69%)
- Blue (61%)



- Red (37%)
- Yellow (55%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)




- Cyan (63%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4399, 0.2639, 0.3605 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 35.4399, 0.2639, 0.3605 by changing the saturation by 10% instead.


 35.4399, 0.2639,
0.3605


 35.4399, 0.2639,
0.3605


326.5058, 0.2894,
0.3439

 24.0019, 0.2572,
0.3649


 68.1667, 0.2734,
0.3543


 15.3351, 0.2483,
0.3708


 90.2243, 0.2769,
0.3520

 9.0549, 0.2361,
0.3790


 116.5906, 0.2799,
0.3501

 4.7770, 0.2183,
0.3911

 147.6499, 0.2823,
0.3485

 2.1170, 0.1901,
0.4108

183.7867, 0.2845,
0.3471

 0.6742, 0.0000,
0.5334

225.3854, 0.2863,

 0.0000, 0.0000,

0.3459

0.0000

272.8302, 0.2880,
0.3448

■ 35.4399, 0.2639,
0.3605

■ 35.4399, 0.2639,
0.3605

■ 34.4824, 0.2567,
0.3686

■ 36.6147, 0.2726,
0.3528

■ 33.7234, 0.2511,
0.3771

■ 38.0155, 0.2826,
0.3455

■ 33.1483, 0.2475,
0.3856


■ 39.6559, 0.2936,
0.3388


■ 32.7382, 0.2458,
0.3942

■ 41.5468, 0.3052,
0.3326

■ 32.4678, 0.2459,
0.4028


■ 43.6989, 0.3172,
0.3270

 32.3836, 0.2461,
0.4060

 46.1219, 0.3294,
0.3220

 48.8252, 0.3416,
0.3176

 51.8176, 0.3536,
0.3136

 55.1076, 0.3654,
0.3102

Harmonies

Analogous

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



35.4399, 0.3045, 0.3974



35.4399, 0.2639, 0.3605



35.4399, 0.2374, 0.3156

Triad

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



35.4399, 0.2639, 0.3605



35.4399, 0.2726, 0.2575



35.4399, 0.4029, 0.3696

Complementary

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



35.4399, 0.2639, 0.3605



18.3050, 0.4055, 0.3010

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.



35.4399, 0.3941, 0.3336



35.4399, 0.2639, 0.3605



35.4399, 0.3159, 0.2718

Square

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



35.4399, 0.2639, 0.3605



35.4399, 0.2423, 0.2594



35.4399, 0.3612, 0.2989



35.4399, 0.3858, 0.3988

Rectangle

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



35.4399, 0.2639, 0.3605



35.4399, 0.2301, 0.2897



35.4399, 0.3612, 0.2989



35.4399, 0.4030, 0.3579

Sweetspot

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



35.4413, 0.2639, 0.3605



71.6772, 0.2959, 0.3374



35.0633, 0.3223, 0.4647



15.7800, 0.2935, 0.3388



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.



35.4413, 0.2639, 0.3605



61.6497, 0.2562, 0.3692



28.8316, 0.2459, 0.2950



9.0395, 0.3016, 0.3344



23.1981, 0.2458, 0.4050



0.6531, 0.2387, 0.3792

Inverse Universe

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



18.3050, 0.4055, 0.3010



27.0127, 0.4403, 0.2958



22.0074, 0.4205, 0.3595



8.0450, 0.3251, 0.3237



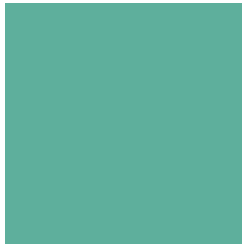
6.6499, 0.5940, 0.3046



0.1934, 0.5111, 0.2589

Previews

White Background



This preview shows how the Yxy color 35.4399, 0.2639, 0.3605 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 35.4399, 0.2639, 0.3605 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 35.4399, 0.2639, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 35.4399, 0.2639, 0.3605.

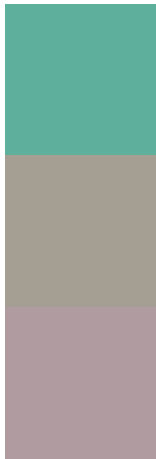


This preview shows how white text looks on a background with the Yxy color 35.4399, 0.2639, 0.3605.

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

35.4399, 0.2639, 0.3605

Protanopia

34.9022, 0.3296, 0.3467

Deuteranopia

35.0947, 0.3280, 0.3220



Tritanopia

35.4534, 0.2494, 0.3070

Trichromacy



Original Color

35.4399, 0.2639, 0.3605

Protanomaly

34.6012, 0.3016, 0.3524

Deuteranomaly

34.4549, 0.3004, 0.3335

Tritanomaly

35.2137, 0.2546, 0.3256

Monochromacy



Original Color

35.4399, 0.2639, 0.3605

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.3878, 0.2908, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4399, 0.2639, 0.3605 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(94, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(94, 175, 156)  
}
```

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(94, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 175, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.4399, 0.2639, 0.3605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

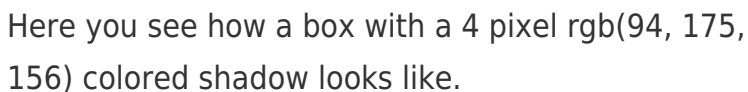
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 175, 156) }
```

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

```
.border{ border-color:rgb(94, 175, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 175, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 175, 156); box-shadow:4px 4px 4px 4px rgb(94, 175, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4399, 0.2639, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 175, 156) }
```

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

```
.background{ background-color: rgb(94, 175,  
156) }
```

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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