

Converting Colors

$Y_{xy}(35.8985, 0.2785, 0.3579)$

Have a look what the booklet for
Yxy(35.8985, 0.2785, 0.3579)
contains.

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Color

Yxy(35.8985, 0.2785, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	73AD9B
RGB	115, 173, 155
RGB Percent	45%, 68%, 61%
CMY	0.5489, 0.3216, 0.3921
CMYK	0.34, 0.00, 0.10, 0.32
HSL	161°, 26%, 56%
HSV	161°, 34%, 68%
XYZ	27.9344, 35.8985, 36.4702
YIQ	153.6060, -28.7900, -17.8940

Conversions

Conversions Part 2

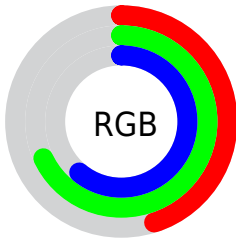
Format	Color
RYB	115, 149, 173
Decimal	7581083
CIELab	66.44, -22.92, 3.25
CIElCh	66, 23.151, 171.940
Yxy	35.8985, 0.2785, 0.3579
Android (android.graphics.Color)	4285771163 (0xFF73AD9B)
YUV	153.6060, 0.6872, -33.8575
Hunter-Lab	59.9154, -21.6295, 5.8512

Details

The Yxy color **35.8985, 0.2785, 0.3579** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8487, 0.3651, 0.3022**, and the grayscale version is **32.1441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0771, 0.2856, 0.3530**, and **15.5224, 0.2675, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **34.6582, 0.2701, 0.3682**, and if you desaturate by 10%, it is **37.3698, 0.2879, 0.3484**.

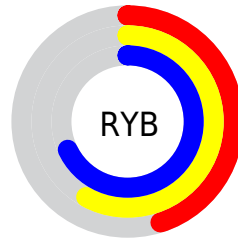
Distribution



Red (45%)

Green (68%)

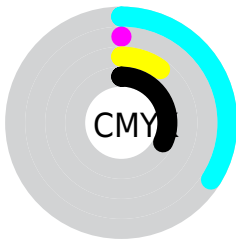
Blue (61%)



Red (45%)

Yellow (58%)

Blue (68%)

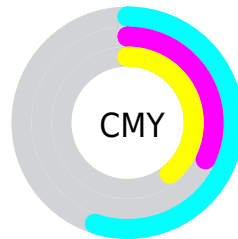


Cyan (34%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (55%)


Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8985, 0.2785, 0.3579 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 35.8985, 0.2785, 0.3579 by changing the saturation by 10% instead.

 35.8985, 0.2785,
0.3579


 35.8985, 0.2785,
0.3579


328.5167, 0.2964,
0.3426

 24.3558, 0.2737,
0.3620


 68.8754, 0.2852,
0.3521

 15.5978, 0.2674,
0.3675


 91.0784, 0.2877,
0.3500

 9.2400, 0.2587,
0.3752


 117.6036, 0.2897,
0.3483

 4.8980, 0.2459,
0.3866

148.8354, 0.2915,
0.3468

 2.1876, 0.2253,
0.4056

185.1582, 0.2930,
0.3455

 0.7132, 0.0857,
0.5164

226.9564, 0.2943,

 0.0000, 0.0000,

0.3444

0.0000

274.6145, 0.2954,
0.3435

■ 35.8985, 0.2785,
0.3579

■ 35.8985, 0.2785,
0.3579

■ 34.6582, 0.2701,
0.3682

■ 37.3698, 0.2879,
0.3484

■ 33.6322, 0.2631,
0.3790

■ 39.0793, 0.2982,
0.3396

■ 32.8081, 0.2577,
0.3904

■ 41.0391, 0.3089,
0.3316

■ 32.1709, 0.2541,
0.4020

■ 43.2593, 0.3199,
0.3244

■ 31.7029, 0.2524,
0.4137

■ 45.7492, 0.3309,
0.3180

■ 31.3832, 0.2527,
0.4254

■ 48.5180, 0.3419,
0.3124

■ 31.2247, 0.2536,
0.4329

■ 51.5741, 0.3526,
0.3074

■ 54.9258, 0.3630,
0.3030

■ 55.4732, 0.3595,
0.2977

Harmonies

Analogous

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



35.8985, 0.3116, 0.3840



35.8985, 0.2785, 0.3579



35.8985, 0.2553, 0.3238

Triad

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



35.8985, 0.2785, 0.3579



35.8985, 0.2774, 0.2716



35.8985, 0.3832, 0.3583

Complementary

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



35.8985, 0.2785, 0.3579



22.8487, 0.3651, 0.3022

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.



35.8985, 0.3734, 0.3295



35.8985, 0.2785, 0.3579



35.8985, 0.3106, 0.2813

Square

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



35.8985, 0.2785, 0.3579



35.8985, 0.2547, 0.2755



35.8985, 0.3462, 0.3020



35.8985, 0.3729, 0.3818

Rectangle

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



35.8985, 0.2785, 0.3579



35.8985, 0.2479, 0.3027



35.8985, 0.3462, 0.3020



35.8985, 0.3822, 0.3489

Sweetspot

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



35.9000, 0.2785, 0.3579



71.1100, 0.3017, 0.3368



36.1429, 0.3242, 0.4219



15.3535, 0.3002, 0.3379



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.9000, 0.2785, 0.3579



62.6579, 0.2723, 0.3652



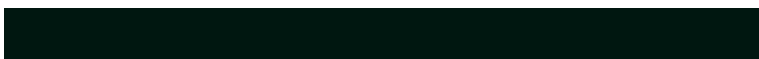
32.6360, 0.2639, 0.3120



9.0291, 0.3026, 0.3361



22.9511, 0.2532, 0.4317



0.6477, 0.2435, 0.3967

Inverse Universe

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



22.8487, 0.3651, 0.3022



35.7653, 0.3815, 0.2963



24.9589, 0.3838, 0.3452



8.0548, 0.3239, 0.3220



6.7296, 0.5686, 0.2906



0.1972, 0.4828, 0.2433

Previews

White Background



This preview shows how the Yxy color 35.8985, 0.2785, 0.3579 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 35.8985, 0.2785, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

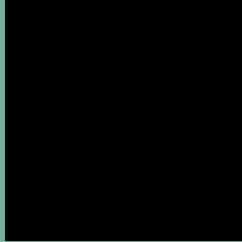
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8985, 0.2785, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 35.8985, 0.2785, 0.3579.



This preview shows how white text looks on a background with the Yxy color 35.8985, 0.2785, 0.3579.

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

35.8985, 0.2785, 0.3579

Protanopia

35.4952, 0.3305, 0.3465

Deuteranopia

35.6272, 0.3308, 0.3249



Tritanopia

35.8598, 0.2626, 0.3076

Trichromacy



Original Color

35.8985, 0.2785, 0.3579

Protanomaly

35.4405, 0.3089, 0.3503

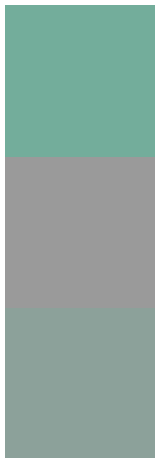
Deuteranomaly

35.1793, 0.3087, 0.3350

Tritanomaly

35.6885, 0.2682, 0.3242

Monochromacy



Original Color

35.8985, 0.2785, 0.3579

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.3983, 0.2991, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8985, 0.2785, 0.3579 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(115, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(115, 173, 155)  
}
```

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(115, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 155) }
```

Border

The CSS property to change the border of an element to Yxy 35.8985, 0.2785, 0.3579 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(115, 173, 155) }
```

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

```
.border{ border-color:rgb(115, 173, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(115, 173,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8985, 0.2785, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 173, 155) }
```

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

```
.background{ background-color: rgb(115,  
173, 155) }
```

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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