

Converting Colors

$Yxy(34.9237, 0.2794, 0.3609)$

Have a look what the booklet for
Yxy(34.9237, 0.2794, 0.3609)
contains.

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Color

Yxy(34.9035, 0.2789, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	71AB98
RGB	113, 171, 152
RGB Percent	44%, 67%, 60%
CMY	0.5568, 0.3294, 0.4040
CMYK	0.34, 0.00, 0.11, 0.33
HSL	160°, 26%, 56%
HSV	160°, 34%, 67%
XYZ	27.0405, 34.9035, 35.0101
YIQ	151.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

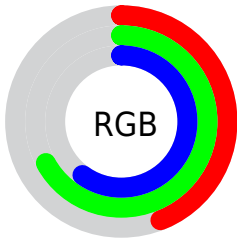
Format	Color
RYB	113, 148, 171
Decimal	7449496
CIELab	65.67, -23.19, 3.80
CIElCh	66, 23.502, 170.697
Yxy	34.9035, 0.2789, 0.3600
Android (android.graphics.Color)	4285639576 (0xFF71AB98)
YUV	151.4920, 0.2504, -33.7575
Hunter-Lab	59.0792, -21.6892, 6.2204

Details

The Yxy color **34.9035, 0.2789, 0.3600** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1386, 0.3645, 0.3004**, and the grayscale version is **31.1788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6099, 0.2860, 0.3545**, and **14.9206, 0.2680, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **33.6960, 0.2707, 0.3709**, and if you desaturate by 10%, it is **36.3363, 0.2881, 0.3499**.

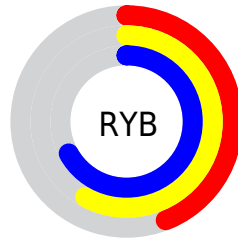
Distribution



Red (44%)

Green (67%)

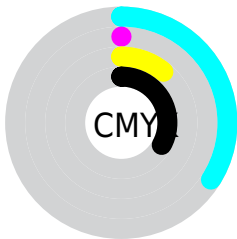
Blue (60%)



Red (44%)

Yellow (58%)

Blue (67%)

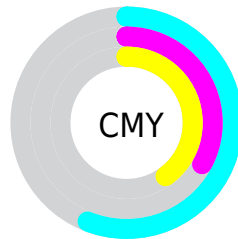


Cyan (34%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9035, 0.2789, 0.3600 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 34.9035, 0.2789, 0.3600 by changing the saturation by 10% instead.

 34.9035, 0.2789,
0.3600


 34.9035, 0.2789,
0.3600


324.1422, 0.2967,
0.3435

 23.5885, 0.2741,
0.3645


 67.3362, 0.2856,
0.3537

 15.0287, 0.2678,
0.3705


 89.2228, 0.2881,
0.3515

 8.8395, 0.2590,
0.3790


 115.4021, 0.2901,
0.3496

 4.6367, 0.2459,
0.3917

146.2584, 0.2918,
0.3480

 2.0357, 0.2246,
0.4131

182.1762, 0.2933,
0.3466

 0.6281, 0.0286,
0.5831

223.5398, 0.2946,

 0.0000, 0.0000,

0.3454

0.0000

270.7337, 0.2957,
0.3444

■ 34.9035, 0.2789,
0.3600

■ 34.9035, 0.2789,
0.3600

■ 33.6960, 0.2707,
0.3709

■ 36.3363, 0.2881,
0.3499

■ 32.6972, 0.2639,
0.3825

■ 38.0013, 0.2981,
0.3405

■ 31.8954, 0.2587,
0.3945


■ 39.9103, 0.3085,
0.3321


■ 31.2756, 0.2553,
0.4069

■ 42.0732, 0.3193,
0.3245


■ 30.8206, 0.2539,
0.4193


■ 44.4991, 0.3300,
0.3177

 30.5099, 0.2544,
0.4317

 47.1969, 0.3407,
0.3117

 30.3627, 0.2553,
0.4391

 50.1750, 0.3511,
0.3064

 53.4413, 0.3613,
0.3018

 54.6729, 0.3607,
0.2965

Harmonies

Analogous

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



34.9035, 0.3131, 0.3862



34.9035, 0.2789, 0.3600



34.9035, 0.2546, 0.3251

Triad

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



34.9035, 0.2789, 0.3600



34.9035, 0.2754, 0.2701



34.9035, 0.3850, 0.3577

Complementary

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



34.9035, 0.2789, 0.3600



22.1386, 0.3645, 0.3004

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.



34.9035, 0.3741, 0.3282



34.9035, 0.2789, 0.3600



34.9035, 0.3090, 0.2795

Square

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



34.9035, 0.2789, 0.3600



34.9035, 0.2527, 0.2747



34.9035, 0.3456, 0.3003



34.9035, 0.3752, 0.3822

Rectangle

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



34.9035, 0.2789, 0.3600



34.9035, 0.2466, 0.3032



34.9035, 0.3456, 0.3003



34.9035, 0.3837, 0.3481

Sweetspot

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



34.9049, 0.2789, 0.3600



69.2806, 0.3019, 0.3373



35.2527, 0.3252, 0.4228



15.3484, 0.3005, 0.3385



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.



34.9049, 0.2789, 0.3600



60.7861, 0.2724, 0.3685



32.0600, 0.2635, 0.3133



9.0267, 0.3028, 0.3365



22.8983, 0.2550, 0.4379



0.6465, 0.2447, 0.4008

Inverse Universe

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



22.1386, 0.3645, 0.3004



34.2729, 0.3820, 0.2936



23.9373, 0.3854, 0.3440



8.0571, 0.3237, 0.3216



6.7515, 0.5621, 0.2870



0.1981, 0.4768, 0.2400

Previews

White Background



This preview shows how the Yxy color 34.9035, 0.2789, 0.3600 looks on a white background.

Color Contrast Check

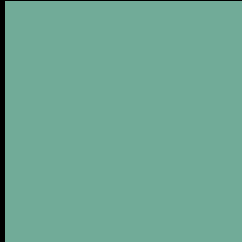
Large Text (above 18pt) WCAG AA × Fail

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 34.9035, 0.2789, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

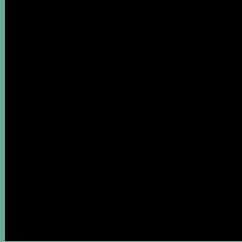
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9035, 0.2789, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 34.9035, 0.2789, 0.3600.

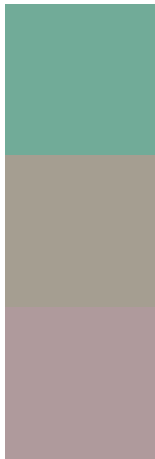


This preview shows how white text looks on a background with the Yxy color 34.9035, 0.2789, 0.3600.

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

34.9035, 0.2789, 0.3600

Protanopia

34.4974, 0.3316, 0.3482

Deuteranopia

34.6255, 0.3320, 0.3262



Tritanopia

34.8547, 0.2628, 0.3088

Trichromacy



Original Color

34.9035, 0.2789, 0.3600

Protanomaly

34.4435, 0.3098, 0.3522

Deuteranomaly

34.1836, 0.3095, 0.3365

Tritanomaly

34.6895, 0.2685, 0.3257

Monochromacy



Original Color

34.9035, 0.2789, 0.3600

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.0065, 0.2989, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9035, 0.2789, 0.3600 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(113, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(113, 171, 152)  
}
```

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(113, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 171, 152) }
```

Border

The CSS property to change the border of an element to Yxy 34.9035, 0.2789, 0.3600 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(113, 171, 152) }
```

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

```
.border{ border-color:rgb(113, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(113, 171,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9035, 0.2789, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 171, 152) }
```

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

```
.background{ background-color: rgb(113,  
171, 152) }
```

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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