

Converting Colors

$Y_{xy}(34.8274, 0.2561, 0.2998)$

Have a look what the booklet for
Yxy(34.8274, 0.2561, 0.2998)
contains.

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Color

Yxy(34.8274, 0.2561, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	73A7BA
RGB	115, 167, 186
RGB Percent	45%, 65%, 73%
CMY	0.5489, 0.3451, 0.2707
CMYK	0.38, 0.10, 0.00, 0.27
HSL	196°, 34%, 59%
HSV	196°, 38%, 73%
XYZ	29.7508, 34.8274, 51.5906
YIQ	153.6180, -37.0910, -5.1150

Conversions

Conversions Part 2

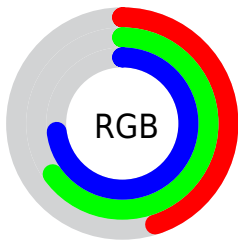
Format	Color
RYB	115, 145, 186
Decimal	7579578
CIELab	65.61, -12.30, -15.21
CIELCh	66, 19.556, 231.036
Yxy	34.8274, 0.2561, 0.2998
Android (android.graphics.Color)	4285769658 (0xFF73A7BA)
YUV	153.6180, 15.9643, -33.8680
Hunter-Lab	59.0147, -13.2894, -10.5209

Details

The Yxy color **34.8274, 0.2561, 0.2998** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7198, 0.3949, 0.3560**, and the grayscale version is **32.0816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0884, 0.2666, 0.3057**, and **14.9791, 0.2386, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **31.9057, 0.2429, 0.2907**, and if you desaturate by 10%, it is **38.0762, 0.2703, 0.3084**.

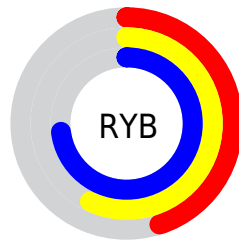
Distribution



Red (45%)

Green (65%)

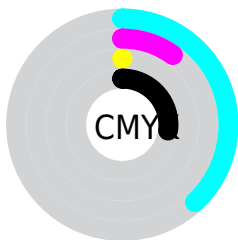
Blue (73%)



Red (45%)

Yellow (57%)

Blue (73%)

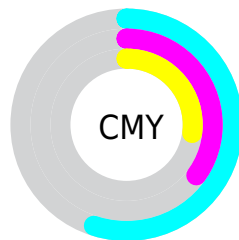


Cyan (38%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (55%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8274, 0.2561, 0.2998 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 34.8274, 0.2561, 0.2998 by changing the saturation by 10% instead.


 34.8274, 0.2561,
0.2998


 34.8274, 0.2561,
0.2998


323.8058, 0.2852,
0.3155

 23.5299, 0.2486,
0.2955


 67.2183, 0.2668,
0.3058

 14.9853, 0.2389,
0.2898


 89.0805, 0.2708,
0.3079

 8.8091, 0.2258,
0.2818


 115.2332, 0.2742,
0.3097

 4.6169, 0.2072,
0.2698

146.0606, 0.2770,
0.3113

 2.0243, 0.1792,
0.2504

181.9471, 0.2795,
0.3126

 0.6215, 0.1009,
0.2159

223.2773, 0.2816,

 0.0000, 0.0000,

0.3137

0.0000

270.4354, 0.2835,
0.3147

■ 34.8274, 0.2561,
0.2998

■ 34.8274, 0.2561,
0.2998

■ 31.9057, 0.2429,
0.2907

■ 38.0762, 0.2703,
0.3084

■ 29.2908, 0.2309,
0.2812

■ 41.6628, 0.2851,
0.3163

■ 26.9664, 0.2206,
0.2714

■ 45.6025, 0.3003,
0.3236

■ 24.9121, 0.2121,
0.2614

■ 49.9081, 0.3155,
0.3302

■ 23.1048, 0.2055,
0.2514

■ 54.5920, 0.3306,
0.3361

■ 21.5075, 0.2008,
0.2416

■ 59.6656, 0.3452,
0.3414

■ 21.2246, 0.1999,
0.2398

■ 65.1401, 0.3594,
0.3460

■ 69.3194, 0.3660,
0.3507

■ 71.7628, 0.3647,
0.3557

Harmonies

Analogous

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



34.8274, 0.2639, 0.3257



34.8274, 0.2561, 0.2998



34.8274, 0.2625, 0.2835

Triad

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



34.8274, 0.2561, 0.2998



34.8274, 0.3405, 0.3052



34.8274, 0.3425, 0.3828

Complementary

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



34.8274, 0.2561, 0.2998



28.7198, 0.3949, 0.3560

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.



34.8274, 0.3647, 0.3739



34.8274, 0.2561, 0.2998



34.8274, 0.3639, 0.3289

Square

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



34.8274, 0.2561, 0.2998



34.8274, 0.3102, 0.2874



34.8274, 0.3728, 0.3538



34.8274, 0.3130, 0.3759

Rectangle

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



34.8274, 0.2561, 0.2998



34.8274, 0.2741, 0.2794



34.8274, 0.3728, 0.3538



34.8274, 0.3511, 0.3814

Sweetspot

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



34.8288, 0.2561, 0.2998



80.4536, 0.2957, 0.3214



40.4704, 0.2945, 0.4121



17.5006, 0.2936, 0.3205



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.8288, 0.2561, 0.2998



58.5547, 0.2446, 0.2920



23.5777, 0.2477, 0.2420



9.7935, 0.2985, 0.3227



14.4128, 0.2003, 0.2410



0.6041, 0.2073, 0.2664

Inverse Universe

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



25.4916, 0.3384, 0.2586



39.8813, 0.3461, 0.2433



40.2037, 0.3767, 0.4028



9.1206, 0.3177, 0.3124



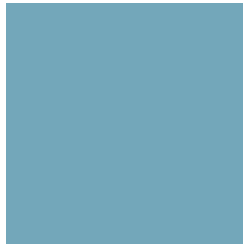
8.2373, 0.4012, 0.1984



0.3001, 0.3763, 0.1846

Previews

White Background



This preview shows how the Yxy color 34.8274, 0.2561, 0.2998 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 34.8274, 0.2561, 0.2998 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

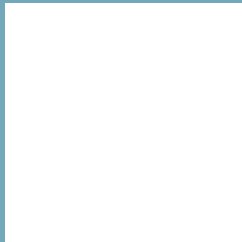
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8274, 0.2561, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 34.8274, 0.2561, 0.2998.



This preview shows how white text looks on a background with the Yxy color 34.8274, 0.2561, 0.2998.

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

34.8274, 0.2561, 0.2998

Protanopia

34.7176, 0.2910, 0.2973

Deuteranopia

34.5471, 0.2888, 0.2826



Tritanopia

34.9189, 0.2589, 0.3087

Trichromacy



Original Color

34.8274, 0.2561, 0.2998

Protanomaly

34.4426, 0.2767, 0.2978

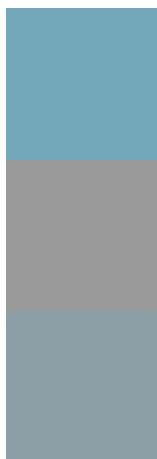
Deuteranomaly

34.3134, 0.2760, 0.2881

Tritanomaly

35.0016, 0.2576, 0.3057

Monochromacy



Original Color

34.8274, 0.2561, 0.2998

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.1249, 0.2891, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8274, 0.2561, 0.2998 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, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(115, 167, 186)  
}
```

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, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 167, 186) }
```

Border

The CSS property to change the border of an element to Yxy 34.8274, 0.2561, 0.2998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

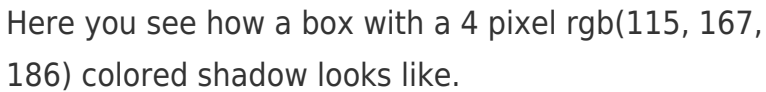
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 167, 186) }
```

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

```
.border{ border-color:rgb(115, 167, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 167, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 167, 186); box-shadow:4px 4px 4px 4px rgb(115, 167, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8274, 0.2561, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 167, 186) }
```

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

```
.background{ background-color: rgb(115,  
167, 186) }
```

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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