

Converting Colors

$Y_{xy}(34.6368, 0.2385, 0.2938)$

Have a look what the booklet for
Yxy(34.6368, 0.2385, 0.2938)
contains.

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Color

Yxy(34.7794, 0.2389, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	5BAAC0
RGB	91, 170, 192
RGB Percent	36%, 67%, 75%
CMY	0.6427, 0.3334, 0.2470
CMYK	0.53, 0.11, 0.00, 0.25
HSL	193°, 44%, 56%
HSV	193°, 53%, 75%
XYZ	28.2132, 34.7794, 55.1038
YIQ	148.8870, -54.1460, -9.9060

Conversions

Conversions Part 2

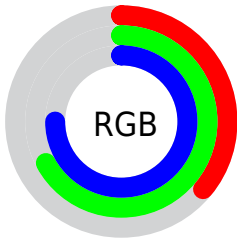
Format	Color
R _Y B	91, 135, 192
Decimal	6007488
CIE Lab	65.58, -18.09, -18.73
CIE LCh	66, 26.040, 226.002
Yxy	34.7794, 0.2389, 0.2945
Android (android.graphics.Color)	4284197568 (0xFF5BAAC0)
YUV	148.8870, 21.2547, -50.7669
Hunter-Lab	58.9741, -17.8101, -14.1172

Details

The Yxy color **34.7794, 0.2389, 0.2945** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **23.8095, 0.4456, 0.3590**, and the grayscale version is **29.9434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9236, 0.2529, 0.3018**, and **15.0115, 0.2175, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **32.3783, 0.2283, 0.2867**, and if you desaturate by 10%, it is **37.4831, 0.2510, 0.3020**.

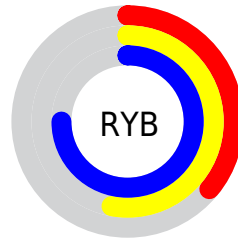
Distribution



Red (36%)

Green (67%)

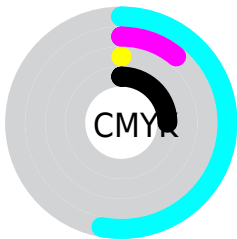
Blue (75%)



Red (36%)

Yellow (53%)

Blue (75%)

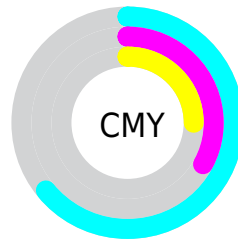


Cyan (53%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (64%)


Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7794, 0.2389, 0.2945 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 34.7794, 0.2389, 0.2945 by changing the saturation by 10% instead.


 34.7794, 0.2389,
0.2945


 34.7794, 0.2389,
0.2945


323.5935, 0.2765,
0.3133


 23.4930, 0.2294,
0.2893


 67.1439, 0.2527,
0.3017

 14.9580, 0.2171,
0.2823


 88.9907, 0.2578,
0.3043

 8.7899, 0.2008,
0.2726


 115.1266, 0.2622,
0.3065

 4.6044, 0.1782,
0.2580

 145.9357, 0.2659,
0.3083

 2.0171, 0.1453,
0.2346

181.8026, 0.2691,
0.3098

 0.6174, 0.0462,
0.1963

223.1116, 0.2719,

 0.0000, 0.0000,

0.3112

0.0000

270.2471, 0.2743,
0.3123

■ 34.7794, 0.2389,
0.2945

■ 34.7794, 0.2389,
0.2945

■ 32.3783, 0.2283,
0.2867

■ 37.4831, 0.2510,
0.3020

■ 30.2558, 0.2195,
0.2788

■ 40.5031, 0.2644,
0.3091

■ 28.3905, 0.2125,
0.2707

■ 43.8572, 0.2787,
0.3158

■ 26.7554, 0.2075,
0.2628

■ 47.5602, 0.2936,
0.3220

■ 25.6479, 0.2047,
0.2569

■ 51.6264, 0.3088,
0.3277

■ 56.0688, 0.3241,
0.3328

■ 60.8999, 0.3392,
0.3373

■ 66.1315, 0.3539,
0.3414

■ 70.0411, 0.3611,
0.3453

Harmonies

Analogous

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



34.7794, 0.2517, 0.3305



34.7794, 0.2389, 0.2945



34.7794, 0.2441, 0.2712

Triad

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



34.7794, 0.2389, 0.2945



34.7794, 0.3430, 0.2931



34.7794, 0.3576, 0.4003

Complementary

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



34.7794, 0.2389, 0.2945



23.8095, 0.4456, 0.3590

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.



34.7794, 0.3850, 0.3841



34.7794, 0.2389, 0.2945



34.7794, 0.3770, 0.3227

Square

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



34.7794, 0.2389, 0.2945



34.7794, 0.3021, 0.2720



34.7794, 0.3926, 0.3554



34.7794, 0.3192, 0.3957

Rectangle

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



34.7794, 0.2389, 0.2945



34.7794, 0.2573, 0.2645



34.7794, 0.3926, 0.3554



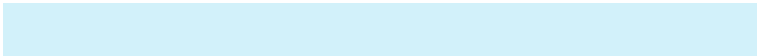
34.7794, 0.3685, 0.3968

Sweetspot

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



34.7807, 0.2389, 0.2945



83.5963, 0.2880, 0.3198



41.1282, 0.2924, 0.4597



17.6350, 0.2849, 0.3185



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.7807, 0.2389, 0.2945



58.0635, 0.2269, 0.2856



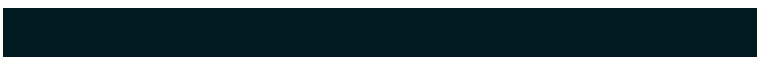
19.3991, 0.2220, 0.2098



11.0432, 0.2984, 0.3239



17.3736, 0.2050, 0.2579



0.8455, 0.2099, 0.2755

Inverse Universe

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



21.6128, 0.3453, 0.2279



32.9736, 0.3549, 0.2105



38.3127, 0.4067, 0.4233



10.2086, 0.3170, 0.3112



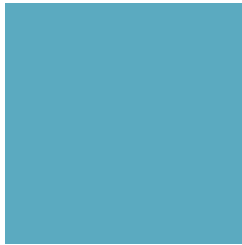
9.0361, 0.3844, 0.1891



0.4000, 0.3676, 0.1799

Previews

White Background



This preview shows how the Yxy color 34.7794, 0.2389, 0.2945 looks on a white background.

Color Contrast Check

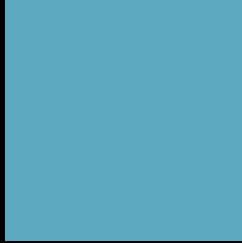
Large Text (above 18pt) WCAG AA × Fail

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 34.7794, 0.2389, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

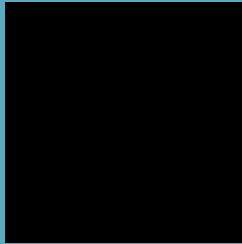
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7794, 0.2389, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 34.7794, 0.2389, 0.2945.



This preview shows how white text looks on a background with the Yxy color 34.7794, 0.2389, 0.2945.

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

34.7794, 0.2389, 0.2945

Protanopia

34.4029, 0.2876, 0.2916

Deuteranopia

34.3514, 0.2788, 0.2730



Tritanopia

34.7524, 0.2421, 0.3066

Trichromacy



Original Color

34.7794, 0.2389, 0.2945

Protanomaly

34.2111, 0.2667, 0.2930

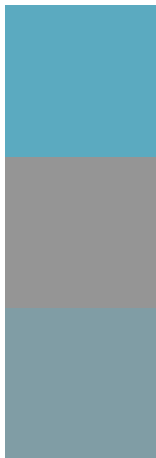
Deuteranomaly

33.9422, 0.2615, 0.2789

Tritanomaly

34.9303, 0.2409, 0.3021

Monochromacy



Original Color

34.7794, 0.2389, 0.2945

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.4197, 0.2793, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7794, 0.2389, 0.2945 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(91, 170, 192)` looks like.

```
.text, #text, p{  
    color:rgb(91, 170, 192)  
}
```

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(91, 170, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 170, 192) }
```

Border

The CSS property to change the border of an element to Yxy 34.7794, 0.2389, 0.2945 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(91, 170, 192) }
```

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

```
.border{ border-color:rgb(91, 170, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 170, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 170, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 170, 192);  
box-shadow:4px 4px 4px 4px rgb(91, 170,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7794, 0.2389, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 170, 192) }
```

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

```
.background{ background-color: rgb(91, 170,  
192) }
```

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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