

Converting Colors

$Y_{xy}(35.4059, 0.2552, 0.3084)$

Have a look what the booklet for
Yxy(35.4059, 0.2552, 0.3084)
contains.

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Color

Yxy(35.4833, 0.2554, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	6EAAB7
RGB	110, 170, 183
RGB Percent	43%, 67%, 72%
CMY	0.5684, 0.3334, 0.2823
CMYK	0.40, 0.07, 0.00, 0.28
HSL	191°, 34%, 57%
HSV	191°, 40%, 72%
XYZ	29.3568, 35.4833, 50.1042
YIQ	153.5420, -39.9330, -8.6770

Conversions

Conversions Part 2

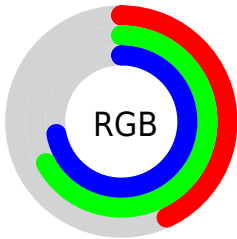
Format	Color
RYB	110, 143, 183
Decimal	7252663
CIELab	66.12, -16.00, -12.82
CIElCh	66, 20.498, 218.698
Yxy	35.4833, 0.2554, 0.3087
Android (android.graphics.Color)	4285442743 (0xFF6EAAB7)
YUV	153.5420, 14.5228, -38.1863
Hunter-Lab	59.5679, -16.2738, -8.1730

Details

The Yxy color **35.4833, 0.2554, 0.3087** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.3751, 0.4037, 0.3480**, and the grayscale version is **32.0572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0818, 0.2663, 0.3125**, and **15.4093, 0.2380, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **33.2205, 0.2434, 0.3027**, and if you desaturate by 10%, it is **38.0217, 0.2687, 0.3144**.

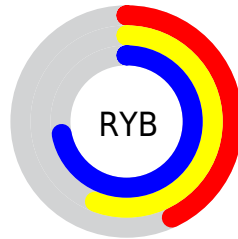
Distribution



Red (43%)

Green (67%)

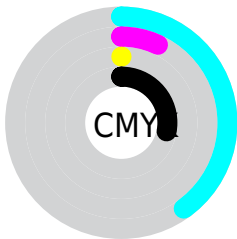
Blue (72%)



Red (43%)

Yellow (56%)

Blue (72%)

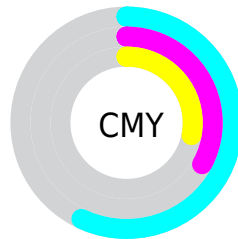


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (57%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4833, 0.2554, 0.3087 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 35.4833, 0.2554, 0.3087 by changing the saturation by 10% instead.

■ 35.4833, 0.2554,
0.3087

■ 35.4833, 0.2554,
0.3087

■ 326.6965, 0.2848,
0.3199

■ 24.0354, 0.2479,
0.3056

■ 68.2338, 0.2662,
0.3130

■ 15.3599, 0.2381,
0.3014

■ 90.3052, 0.2702,
0.3145

■ 9.0724, 0.2249,
0.2954

■ 116.6866, 0.2736,
0.3158

■ 4.7884, 0.2063,
0.2862

■ 147.7623, 0.2765,
0.3169

■ 2.1237, 0.1782,
0.2710

■ 183.9167, 0.2790,
0.3178

■ 0.6779, 0.0929,
0.2481

■ 225.5343, 0.2812,

■ 0.0000, 0.0000,

0.3186

0.0000

272.9994, 0.2831,
0.3193

■ 35.4833, 0.2554,
0.3087

■ 35.4833, 0.2554,
0.3087

■ 33.2205, 0.2434,
0.3027

■ 38.0217, 0.2687,
0.3144

■ 31.2138, 0.2329,
0.2965

■ 40.8455, 0.2829,
0.3197

■ 29.4479, 0.2241,
0.2902


■ 43.9691, 0.2977,
0.3246


■ 27.9034, 0.2172,
0.2838


■ 47.4044, 0.3129,
0.3291

■ 26.5577, 0.2122,
0.2774


■ 51.1629, 0.3282,
0.3331

 25.3655, 0.2087,
0.2711

 55.2553, 0.3433,
0.3367

 25.3501, 0.2086,
0.2710

 59.6918, 0.3582,
0.3399

 64.2060, 0.3714,
0.3428

 65.6954, 0.3704,
0.3462

Harmonies

Analogous

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



35.4833, 0.2692, 0.3380



35.4833, 0.2554, 0.3087



35.4833, 0.2560, 0.2871

Triad

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



35.4833, 0.2554, 0.3087



35.4833, 0.3290, 0.2956



35.4833, 0.3546, 0.3830

Complementary

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



35.4833, 0.2554, 0.3087



25.3751, 0.4037, 0.3480

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.



35.4833, 0.3724, 0.3681



35.4833, 0.2554, 0.3087



35.4833, 0.3575, 0.3183

Square

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



35.4833, 0.2554, 0.3087



35.4833, 0.2972, 0.2810



35.4833, 0.3737, 0.3443



35.4833, 0.3259, 0.3830

Rectangle

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



35.4833, 0.2554, 0.3087



35.4833, 0.2644, 0.2793



35.4833, 0.3737, 0.3443



35.4833, 0.3621, 0.3794

Sweetspot

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



35.4847, 0.2554, 0.3087



77.3891, 0.2942, 0.3235



38.5978, 0.2988, 0.4288



16.9296, 0.2923, 0.3228



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.4847, 0.2554, 0.3087



59.9059, 0.2446, 0.3034



23.8888, 0.2464, 0.2498



9.9308, 0.2985, 0.3248



17.7739, 0.2088, 0.2718



0.6988, 0.2134, 0.2881

Inverse Universe

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



24.1320, 0.3320, 0.2476



37.2772, 0.3376, 0.2305



35.8834, 0.3836, 0.3968



9.1345, 0.3164, 0.3104



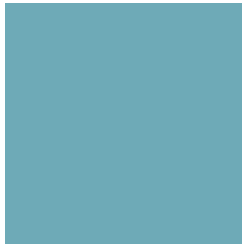
8.5766, 0.3711, 0.1818



0.3096, 0.3561, 0.1735

Previews

White Background



This preview shows how the Yxy color 35.4833, 0.2554, 0.3087 looks on a white background.

Color Contrast Check

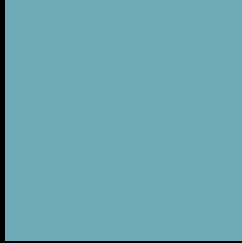
Large Text (above 18pt) WCAG AA × Fail

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 35.4833, 0.2554, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

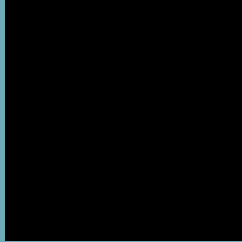
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4833, 0.2554, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 35.4833, 0.2554, 0.3087.



This preview shows how white text looks on a background with the Yxy color 35.4833, 0.2554, 0.3087.

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

35.4833, 0.2554, 0.3087

Protanopia

35.2000, 0.2970, 0.3045

Deuteranopia

35.1086, 0.2932, 0.2871



Tritanopia

35.5251, 0.2547, 0.3072

Trichromacy



Original Color

35.4833, 0.2554, 0.3087

Protanomaly

35.1118, 0.2800, 0.3052

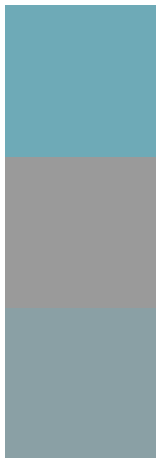
Deuteranomaly

34.9218, 0.2777, 0.2939

Tritanomaly

35.5251, 0.2547, 0.3072

Monochromacy



Original Color

35.4833, 0.2554, 0.3087

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.2615, 0.2882, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4833, 0.2554, 0.3087 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(110, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(110, 170, 183)  
}
```

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(110, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 35.4833, 0.2554, 0.3087 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(110, 170, 183) }
```

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

```
.border{ border-color:rgb(110, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(110, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4833, 0.2554, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 170, 183) }
```

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

```
.background{ background-color: rgb(110,  
170, 183) }
```

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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