

Converting Colors

$Yxy(34.6685, 0.2591, 0.3165)$

Have a look what the booklet for
Yxy(34.6685, 0.2591, 0.3165)
contains.

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Color

Yxy(34.8255, 0.2597, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	6EA9B0
RGB	110, 169, 176
RGB Percent	43%, 66%, 69%
CMY	0.5685, 0.3373, 0.3098
CMYK	0.37, 0.04, 0.00, 0.31
HSL	186°, 29%, 56%
HSV	186°, 37%, 69%
XYZ	28.4587, 34.8255, 46.2988
YIQ	152.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

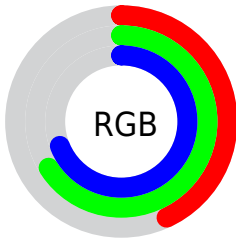
Format	Color
RYB	110, 141, 176
Decimal	7252400
CIELab	65.61, -17.28, -9.68
CIElCh	66, 19.807, 209.268
Yxy	34.8255, 0.2597, 0.3178
Android (android.graphics.Color)	4285442480 (0xFF6EA9B0)
YUV	152.1570, 11.7546, -36.9717
Hunter-Lab	59.0131, -17.1924, -5.2069

Details

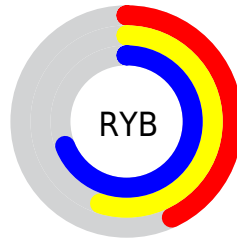
The Yxy color **34.8255, 0.2597, 0.3178** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.0919, 0.3985, 0.3397**, and the grayscale version is **31.4354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0300, 0.2694, 0.3194**, and **15.0477, 0.2430, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **33.1163, 0.2481, 0.3144**, and if you desaturate by 10%, it is **36.7716, 0.2726, 0.3211**.

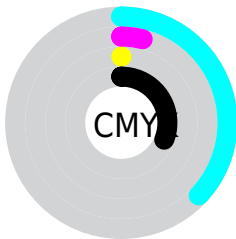
Distribution



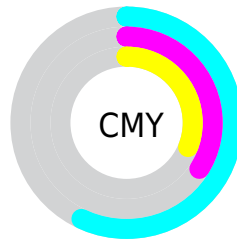
- Red (43%)
- Green (66%)
- Blue (69%)



- Red (43%)
- Yellow (55%)
- Blue (69%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)





- Cyan (57%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8255, 0.2597, 0.3178 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 34.8255, 0.2597, 0.3178 by changing the saturation by 10% instead.


 34.8255, 0.2597,
0.3178


 34.8255, 0.2597,
0.3178


323.7974, 0.2870,
0.3242

 23.5285, 0.2526,
0.3159


 67.2154, 0.2698,
0.3203


 14.9842, 0.2434,
0.3133


 89.0770, 0.2736,
0.3212

 8.8083, 0.2309,
0.3096


 115.2289, 0.2767,
0.3219

 4.6164, 0.2130,
0.3036

 146.0556, 0.2794,
0.3225

 2.0240, 0.1855,
0.2932

181.9414, 0.2817,
0.3230

 0.6213, 0.0768,
0.2826

223.2707, 0.2837,

 0.0000, 0.0000,

0.3235

0.0000

270.4279, 0.2855,
0.3239

■ 34.8255, 0.2597,
0.3178

■ 34.8255, 0.2597,
0.3178

■ 33.1163, 0.2481,
0.3144

■ 36.7716, 0.2726,
0.3211

■ 31.6266, 0.2381,
0.3108

■ 38.9628, 0.2866,
0.3242

■ 30.3430, 0.2298,
0.3072

■ 41.4120, 0.3014,
0.3270

■ 29.2486, 0.2234,
0.3035

■ 44.1297, 0.3166,
0.3296

■ 28.3242, 0.2189,
0.2999

■ 47.1260, 0.3320,
0.3320

■ 27.5400, 0.2160,
0.2963

■ 50.4104, 0.3474,
0.3341

■ 27.3511, 0.2154,
0.2954

■ 53.9920, 0.3626,
0.3360

■ 57.8794, 0.3774,
0.3377

■ 59.4408, 0.3804,
0.3395

Harmonies

Analogous

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



34.8255, 0.2772, 0.3470



34.8255, 0.2597, 0.3178



34.8255, 0.2558, 0.2937

Triad

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



34.8255, 0.2597, 0.3178



34.8255, 0.3187, 0.2910



34.8255, 0.3604, 0.3783

Complementary

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



34.8255, 0.2597, 0.3178



23.0919, 0.3985, 0.3397

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.



34.8255, 0.3730, 0.3604



34.8255, 0.2597, 0.3178



34.8255, 0.3484, 0.3110

Square

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



34.8255, 0.2597, 0.3178



34.8255, 0.2886, 0.2799



34.8255, 0.3687, 0.3359



34.8255, 0.3350, 0.3833

Rectangle

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



34.8255, 0.2597, 0.3178



34.8255, 0.2611, 0.2835



34.8255, 0.3687, 0.3359



34.8255, 0.3663, 0.3735

Sweetspot

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



34.8269, 0.2597, 0.3178



73.3968, 0.2958, 0.3260



35.6465, 0.3028, 0.4291



15.7789, 0.2939, 0.3256



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.8269, 0.2597, 0.3178



60.5535, 0.2500, 0.3150



24.1813, 0.2519, 0.2633



9.4742, 0.2986, 0.3265



20.1177, 0.2155, 0.2957



0.6769, 0.2183, 0.3058

Inverse Universe

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



23.2559, 0.3250, 0.2466



36.8092, 0.3282, 0.2293



32.0491, 0.3808, 0.3866



8.6309, 0.3153, 0.3089



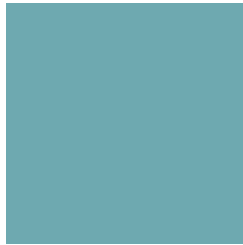
8.5710, 0.3492, 0.1697



0.2741, 0.3403, 0.1649

Previews

White Background



This preview shows how the Yxy color 34.8255, 0.2597, 0.3178 looks on a white background.

Color Contrast Check

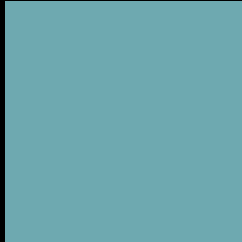
Large Text (above 18pt) WCAG AA × Fail

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 34.8255, 0.2597, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

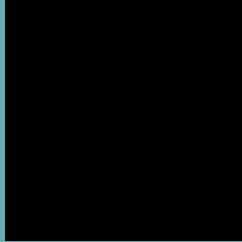
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8255, 0.2597, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 34.8255, 0.2597, 0.3178.



This preview shows how white text looks on a background with the Yxy color 34.8255, 0.2597, 0.3178.

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

34.8255, 0.2597, 0.3178

Protanopia

34.5874, 0.3030, 0.3129

Deuteranopia

34.6967, 0.3009, 0.2952



Tritanopia

34.8274, 0.2569, 0.3071

Trichromacy



Original Color

34.8255, 0.2597, 0.3178

Protanomaly

34.4819, 0.2854, 0.3139

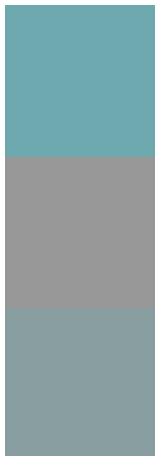
Deuteranomaly

34.3757, 0.2839, 0.3023

Tritanomaly

34.6801, 0.2575, 0.3101

Monochromacy



Original Color

34.8255, 0.2597, 0.3178

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.3453, 0.2905, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8255, 0.2597, 0.3178 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, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 176)  
}
```

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, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 176) }
```

Border

The CSS property to change the border of an element to Yxy 34.8255, 0.2597, 0.3178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

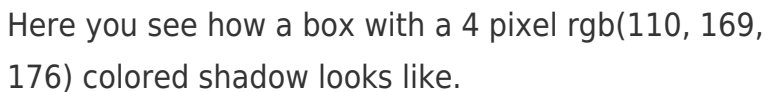
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 169, 176) }
```

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

```
.border{ border-color:rgb(110, 169, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 169, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 169, 176); box-shadow:4px 4px 4px 4px rgb(110, 169, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8255, 0.2597, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 169, 176) }
```

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

```
.background{ background-color: rgb(110,  
169, 176) }
```

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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