

Converting Colors

$Y_{xy}(39.4251, 0.2657, 0.3156)$

Have a look what the booklet for
Yxy(39.4251, 0.2657, 0.3156)
contains.

Yxy(39.4251, 0.2657, 0.3156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4251, 0.2657, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	7EB1BA
RGB	126, 177, 186
RGB Percent	49%, 69%, 73%
CMY	0.5057, 0.3059, 0.2707
CMYK	0.32, 0.05, 0.00, 0.27
HSL	189°, 30%, 61%
HSV	189°, 32%, 73%
XYZ	33.1915, 39.4251, 52.3045
YIQ	162.7770, -33.2850, -8.0130

Conversions

Conversions Part 2

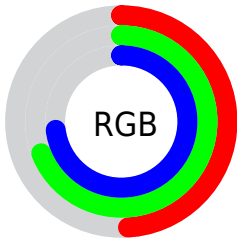
Format	Color
RYB	126, 154, 186
Decimal	8303034
CIELab	69.06, -14.53, -9.98
CIElCh	69, 17.629, 214.494
Yxy	39.4251, 0.2657, 0.3156
Android (android.graphics.Color)	4286493114 (0xFF7EB1BA)
YUV	162.7770, 11.4489, -32.2534
Hunter-Lab	62.7894, -15.5234, -5.4368

Details

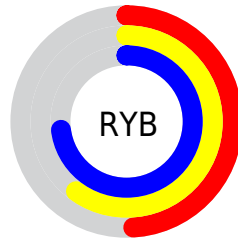
The Yxy color **39.4251, 0.2657, 0.3156** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.2783, 0.3816, 0.3419**, and the grayscale version is **36.4758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3919, 0.2742, 0.3188**, and **17.5646, 0.2518, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **37.0514, 0.2529, 0.3108**, and if you desaturate by 10%, it is **42.0873, 0.2795, 0.3201**.

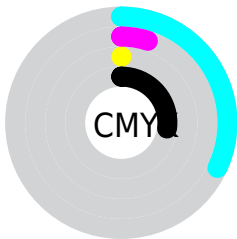
Distribution



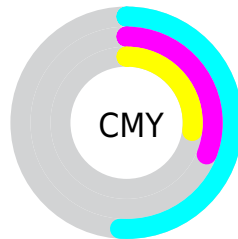
- Red (49%)
- Green (69%)
- Blue (73%)



- Red (49%)
- Yellow (60%)
- Blue (73%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4251, 0.2657, 0.3156 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 39.4251, 0.2657, 0.3156 by changing the saturation by 10% instead.

■ 39.4251, 0.2657,
0.3156

■ 39.4251, 0.2657,
0.3156

■ 343.6945, 0.2895,
0.3229

■ 27.0906, 0.2597,
0.3136

■ 74.2873, 0.2744,
0.3184

■ 17.6413, 0.2519,
0.3109

■ 97.5837, 0.2777,
0.3194

■ 10.6927, 0.2415,
0.3071

■ 125.3030, 0.2804,
0.3202

■ 5.8606, 0.2269,
0.3014

■ 157.8294, 0.2828,
0.3209

■ 2.7605, 0.2050,
0.2920

■ 195.5473, 0.2848,
0.3215

■ 1.0080, 0.1638,
0.2758

■ 238.8412, 0.2866,

■ 0.0000, 0.0000,

0.3220

0.0000

288.0955, 0.2881,
0.3225

■ 39.4251, 0.2657,
0.3156

■ 39.4251, 0.2657,
0.3156

■ 37.0514, 0.2529,
0.3108

■ 42.0873, 0.2795,
0.3201

■ 34.9467, 0.2416,
0.3058

■ 45.0470, 0.2942,
0.3243

■ 33.0965, 0.2318,
0.3006

■ 48.3182, 0.3093,
0.3282

■ 31.4827, 0.2239,
0.2953

■ 51.9129, 0.3246,
0.3317

■ 30.0849, 0.2178,
0.2900

■ 55.8425, 0.3400,
0.3348

■ 28.8783, 0.2136,
0.2847

■ 60.1174, 0.3551,
0.3376

■ 28.0354, 0.2113,
0.2807

■ 64.5148, 0.3688,
0.3401

■ 65.7883, 0.3680,
0.3430

■ 67.0853, 0.3673,
0.3459

Harmonies

Analogous

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



39.4251, 0.2790, 0.3401



39.4251, 0.2657, 0.3156



39.4251, 0.2644, 0.2962

Triad

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



39.4251, 0.2657, 0.3156



39.4251, 0.3226, 0.2988



39.4251, 0.3504, 0.3728

Complementary

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



39.4251, 0.2657, 0.3156



29.2783, 0.3816, 0.3419

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.



39.4251, 0.3633, 0.3594



39.4251, 0.2657, 0.3156



39.4251, 0.3470, 0.3172

Square

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



39.4251, 0.2657, 0.3156



39.4251, 0.2964, 0.2877



39.4251, 0.3621, 0.3391



39.4251, 0.3275, 0.3744

Rectangle

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



39.4251, 0.2657, 0.3156



39.4251, 0.2705, 0.2885



39.4251, 0.3621, 0.3391



39.4251, 0.3561, 0.3695

Sweetspot

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



39.4267, 0.2657, 0.3156



82.8455, 0.2973, 0.3252



41.2711, 0.3027, 0.4100



18.0660, 0.2952, 0.3246



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.



39.4267, 0.2657, 0.3156



68.2372, 0.2561, 0.3121



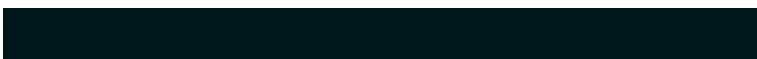
29.1683, 0.2603, 0.2705



9.9751, 0.2985, 0.3255



18.9521, 0.2115, 0.2814



0.7310, 0.2152, 0.2948

Inverse Universe

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



28.5426, 0.3258, 0.2609



45.6365, 0.3295, 0.2454



38.4962, 0.3692, 0.3811



9.1390, 0.3160, 0.3098



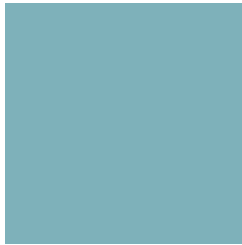
8.6956, 0.3622, 0.1769



0.3129, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 39.4251, 0.2657, 0.3156 looks on a white background.

Color Contrast Check

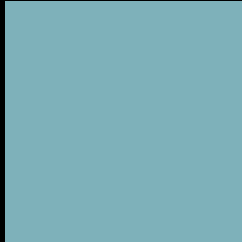
Large Text (above 18pt) WCAG AA × Fail

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 39.4251, 0.2657, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

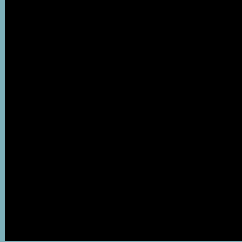
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

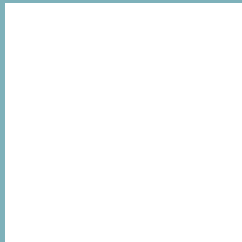
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4251, 0.2657, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 39.4251, 0.2657, 0.3156.



This preview shows how white text looks on a background with the Yxy color 39.4251, 0.2657, 0.3156.

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

39.4251, 0.2657, 0.3156

Protanopia

39.2576, 0.3027, 0.3111

Deuteranopia

39.3390, 0.3016, 0.2956



Tritanopia

39.2804, 0.2636, 0.3084

Trichromacy



Original Color

39.4251, 0.2657, 0.3156

Protanomaly

39.2755, 0.2883, 0.3133

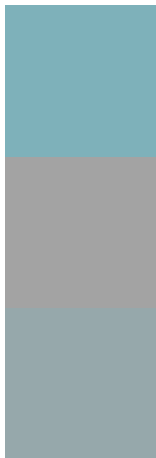
Deuteranomaly

39.1749, 0.2870, 0.3025

Tritanomaly

39.2368, 0.2642, 0.3098

Monochromacy



Original Color

39.4251, 0.2657, 0.3156

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.4296, 0.2942, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4251, 0.2657, 0.3156 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(126, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(126, 177, 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(126, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 177, 186) }
```

Border

The CSS property to change the border of an element to Yxy 39.4251, 0.2657, 0.3156 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(126, 177, 186) }
```

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

```
.border{ border-color:rgb(126, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(126, 177,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4251, 0.2657, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 177, 186) }
```

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

```
.background{ background-color: rgb(126,  
177, 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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