

Converting Colors

$Yxy(39.1347, 0.2583, 0.3131)$

Have a look what the booklet for
Yxy(39.1347, 0.2583, 0.3131)
contains.

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Color

Yxy(39.2535, 0.2586, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	75B2BC
RGB	117, 178, 188
RGB Percent	46%, 70%, 74%
CMY	0.5410, 0.3020, 0.2627
CMYK	0.38, 0.05, 0.00, 0.26
HSL	188°, 35%, 60%
HSV	188°, 38%, 74%
XYZ	32.3382, 39.2535, 53.4593
YIQ	160.9010, -39.5660, -9.8220

Conversions

Conversions Part 2

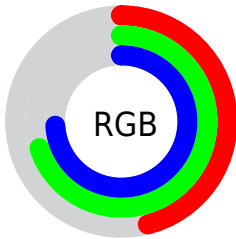
Format	Color
RYB	117, 150, 188
Decimal	7713468
CIELab	68.93, -17.04, -11.34
CIElCh	69, 20.469, 213.645
Yxy	39.2535, 0.2586, 0.3139
Android (android.graphics.Color)	4285903548 (0xFF75B2BC)
YUV	160.9010, 13.3598, -38.5012
Hunter-Lab	62.6526, -17.5092, -6.7333

Details

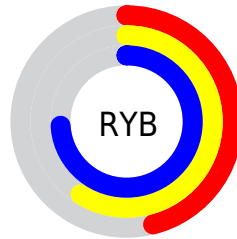
The Yxy color **39.2535, 0.2586, 0.3139** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1724, 0.3987, 0.3433**, and the grayscale version is **35.5471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1479, 0.2688, 0.3175**, and **17.5065, 0.2429, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **37.0341, 0.2467, 0.3093**, and if you desaturate by 10%, it is **41.7580, 0.2718, 0.3183**.

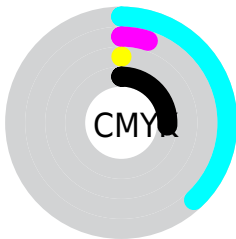
Distribution



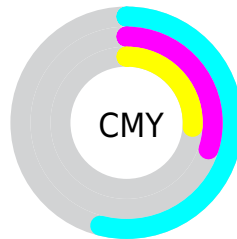
- Red (46%)
- Green (70%)
- Blue (74%)



- Red (46%)
- Yellow (59%)
- Blue (74%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)





- Cyan (54%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2535, 0.2586, 0.3139 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 39.2535, 0.2586, 0.3139 by changing the saturation by 10% instead.


 39.2535, 0.2586,
0.3139


 39.2535, 0.2586,
0.3139


342.9671, 0.2859,
0.3222


 26.9570, 0.2517,
0.3116

 74.0254, 0.2686,
0.3171

 17.5409, 0.2429,
0.3085


 97.2696, 0.2723,
0.3182

 10.6209, 0.2310,
0.3041


 124.9318, 0.2755,
0.3192

 5.8125, 0.2145,
0.2975

157.3965, 0.2782,
0.3200

 2.7314, 0.1900,
0.2865

195.0479, 0.2805,
0.3206

 0.9932, 0.1417,
0.2684

238.2706, 0.2825,

 0.0000, 0.0000,

0.3212

0.0000

287.4488, 0.2843,
0.3217

■ 39.2535, 0.2586,
0.3139

■ 39.2535, 0.2586,
0.3139

■ 37.0341, 0.2467,
0.3093

■ 41.7580, 0.2718,
0.3183

■ 35.0793, 0.2363,
0.3044

■ 44.5576, 0.2860,
0.3224

■ 33.3732, 0.2276,
0.2995

■ 47.6672, 0.3009,
0.3263

■ 31.8958, 0.2208,
0.2945

■ 51.0995, 0.3162,
0.3298

■ 30.6241, 0.2159,
0.2896

■ 54.8664, 0.3316,
0.3329

■ 29.5231, 0.2127,
0.2847

■ 58.9792, 0.3469,
0.3357

■ 29.2862, 0.2121,
0.2836

■ 63.4485, 0.3619,
0.3382

■ 65.8465, 0.3664,
0.3408

■ 67.0808, 0.3657,
0.3435

Harmonies

Analogous

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



39.2535, 0.2742, 0.3427



39.2535, 0.2586, 0.3139



39.2535, 0.2568, 0.2913

Triad

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



39.2535, 0.2586, 0.3139



39.2535, 0.3232, 0.2937



39.2535, 0.3570, 0.3796

Complementary

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



39.2535, 0.2586, 0.3139



27.1724, 0.3987, 0.3433

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.



39.2535, 0.3718, 0.3634



39.2535, 0.2586, 0.3139



39.2535, 0.3519, 0.3146

Square

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



39.2535, 0.2586, 0.3139



39.2535, 0.2929, 0.2812



39.2535, 0.3700, 0.3396



39.2535, 0.3306, 0.3823

Rectangle

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



39.2535, 0.2586, 0.3139



39.2535, 0.2634, 0.2824



39.2535, 0.3700, 0.3396



39.2535, 0.3635, 0.3755

Sweetspot

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



39.2550, 0.2586, 0.3139



84.3753, 0.2957, 0.3250



41.2781, 0.3011, 0.4267



17.9791, 0.2937, 0.3245



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.



39.2550, 0.2586, 0.3139



67.8760, 0.2490, 0.3102



27.0793, 0.2506, 0.2585



10.5736, 0.2985, 0.3257



20.0174, 0.2123, 0.2842



0.8481, 0.2155, 0.2959

Inverse Universe

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



26.6384, 0.3279, 0.2485



42.2750, 0.3319, 0.2324



37.8164, 0.3806, 0.3903



9.6725, 0.3159, 0.3095



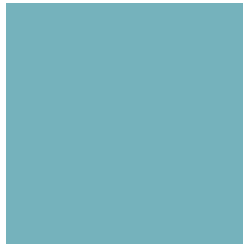
9.0505, 0.3596, 0.1755



0.3610, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 39.2535, 0.2586, 0.3139 looks on a white background.

Color Contrast Check

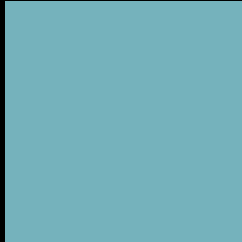
Large Text (above 18pt) WCAG AA × Fail

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 39.2535, 0.2586, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

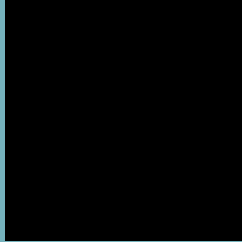
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

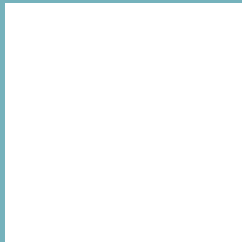
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2535, 0.2586, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 39.2535, 0.2586, 0.3139.



This preview shows how white text looks on a background with the Yxy color 39.2535, 0.2586, 0.3139.

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

39.2535, 0.2586, 0.3139

Protanopia

38.8241, 0.3010, 0.3083

Deuteranopia

38.8402, 0.2982, 0.2914



Tritanopia

39.1016, 0.2565, 0.3067

Trichromacy



Original Color

39.2535, 0.2586, 0.3139

Protanomaly

38.5997, 0.2835, 0.3089

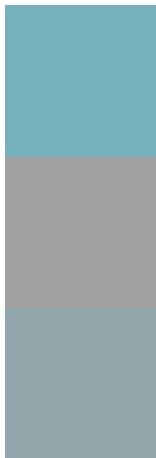
Deuteranomaly

38.4953, 0.2821, 0.2981

Tritanomaly

39.0574, 0.2571, 0.3081

Monochromacy



Original Color

39.2535, 0.2586, 0.3139

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.5974, 0.2899, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2535, 0.2586, 0.3139 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(117, 178, 188)` looks like.

```
.text, #text, p{  
    color:rgb(117, 178, 188)  
}
```

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(117, 178, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 178, 188) }
```

Border

The CSS property to change the border of an element to Yxy 39.2535, 0.2586, 0.3139 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(117, 178, 188) }
```

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

```
.border{ border-color:rgb(117, 178, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 178, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 178, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 178, 188);  
box-shadow:4px 4px 4px 4px rgb(117, 178,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2535, 0.2586, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 178, 188) }
```

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

```
.background{ background-color: rgb(117,  
178, 188) }
```

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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