

Converting Colors

$Yxy(39.2356, 0.2615, 0.3162)$

Have a look what the booklet for
Yxy(39.2356, 0.2615, 0.3162)
contains.

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Color

Yxy(39.3790, 0.2618, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	78B2BA
RGB	120, 178, 186
RGB Percent	47%, 70%, 73%
CMY	0.5293, 0.3020, 0.2705
CMYK	0.35, 0.04, 0.00, 0.27
HSL	187°, 32%, 60%
HSV	187°, 35%, 73%
XYZ	32.5321, 39.3790, 52.3521
YIQ	161.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

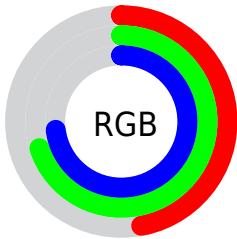
Format	Color
RYB	120, 151, 186
Decimal	7910074
CIELab	69.02, -16.73, -10.09
CIELCh	69, 19.540, 211.084
Yxy	39.3790, 0.2618, 0.3169
Android (android.graphics.Color)	4286100154 (0xFF78B2BA)
YUV	161.5700, 12.0440, -36.4569
Hunter-Lab	62.7527, -17.2797, -5.5364

Details

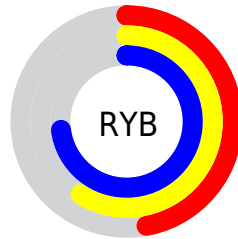
The Yxy color **39.3790, 0.2618, 0.3169** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.2467, 0.3921, 0.3406**, and the grayscale version is **35.8782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3704, 0.2715, 0.3198**, and **17.5540, 0.2466, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **37.2846, 0.2497, 0.3130**, and if you desaturate by 10%, it is **41.7497, 0.2751, 0.3206**.

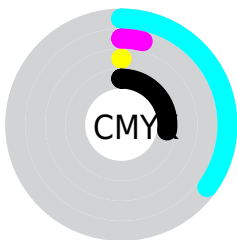
Distribution



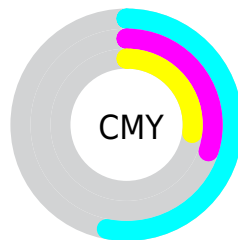
- Red (47%)
- Green (70%)
- Blue (73%)



- Red (47%)
- Yellow (59%)
- Blue (73%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)





- Cyan (53%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3790, 0.2618, 0.3169 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 39.3790, 0.2618, 0.3169 by changing the saturation by 10% instead.


 39.3790, 0.2618,
0.3169


 39.3790, 0.2618,
0.3169


343.4992, 0.2875,
0.3236


 27.0547, 0.2553,
0.3150


 74.2169, 0.2712,
0.3195

 17.6143, 0.2469,
0.3125


 97.4994, 0.2747,
0.3204

 10.6734, 0.2357,
0.3089


 125.2033, 0.2777,
0.3212

 5.8477, 0.2200,
0.3034

157.7131, 0.2802,
0.3218

 2.7527, 0.1966,
0.2942

195.4132, 0.2824,
0.3224

 1.0040, 0.1504,
0.2790

238.6880, 0.2844,

 0.0000, 0.0000,

0.3228

0.0000

287.9218, 0.2860,
0.3232

■ 39.3790, 0.2618,
0.3169

■ 39.3790, 0.2618,
0.3169

■ 37.2846, 0.2497,
0.3130

■ 41.7497, 0.2751,
0.3206

■ 35.4467, 0.2392,
0.3089

■ 44.4060, 0.2894,
0.3241

■ 33.8504, 0.2304,
0.3047

■ 47.3623, 0.3043,
0.3274

■ 32.4768, 0.2235,
0.3005

■ 50.6306, 0.3197,
0.3303

■ 31.3043, 0.2184,
0.2962

■ 54.2224, 0.3351,
0.3329

■ 30.3062, 0.2151,
0.2921

■ 58.1485, 0.3505,
0.3353

■ 29.8866, 0.2139,
0.2902

■ 62.4191, 0.3656,
0.3374

■ 64.3254, 0.3689,
0.3396

■ 65.3538, 0.3683,
0.3420

Harmonies

Analogous

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



39.3790, 0.2777, 0.3444



39.3790, 0.2618, 0.3169



39.3790, 0.2589, 0.2946

Triad

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



39.3790, 0.2618, 0.3169



39.3790, 0.3203, 0.2939



39.3790, 0.3567, 0.3764

Complementary

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



39.3790, 0.2618, 0.3169



27.2467, 0.3921, 0.3406

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.



39.3790, 0.3695, 0.3602



39.3790, 0.2618, 0.3169



39.3790, 0.3480, 0.3133

Square

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



39.3790, 0.2618, 0.3169



39.3790, 0.2915, 0.2827



39.3790, 0.3664, 0.3372



39.3790, 0.3322, 0.3801

Rectangle

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



39.3790, 0.2618, 0.3169



39.3790, 0.2645, 0.2853



39.3790, 0.3664, 0.3372



39.3790, 0.3626, 0.3722

Sweetspot

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



39.3806, 0.2618, 0.3169



82.7037, 0.2958, 0.3255



40.6722, 0.3025, 0.4215



18.0545, 0.2937, 0.3251



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.



39.3806, 0.2618, 0.3169



68.2010, 0.2518, 0.3137



27.8884, 0.2548, 0.2653



10.0193, 0.2985, 0.3261



20.1751, 0.2141, 0.2907



0.7641, 0.2171, 0.3015

Inverse Universe

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



27.0929, 0.3253, 0.2518



42.8122, 0.3289, 0.2346



37.1900, 0.3763, 0.3851



9.1434, 0.3156, 0.3092



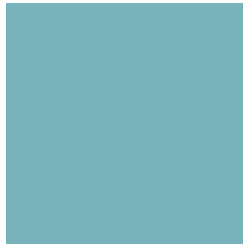
8.8190, 0.3537, 0.1722



0.3162, 0.3441, 0.1669

Previews

White Background



This preview shows how the Yxy color 39.3790, 0.2618, 0.3169 looks on a white background.

Color Contrast Check

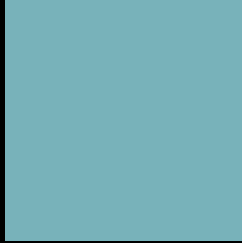
Large Text (above 18pt) WCAG AA × Fail

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 39.3790, 0.2618, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

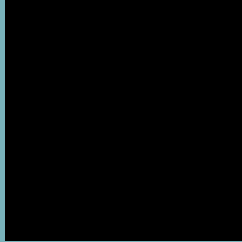
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

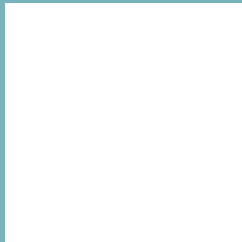
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3790, 0.2618, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 39.3790, 0.2618, 0.3169.



This preview shows how white text looks on a background with the Yxy color 39.3790, 0.2618, 0.3169.

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

39.3790, 0.2618, 0.3169

Protanopia

39.1076, 0.3027, 0.3124

Deuteranopia

38.8672, 0.3007, 0.2941



Tritanopia

39.2708, 0.2591, 0.3082

Trichromacy



Original Color

39.3790, 0.2618, 0.3169

Protanomaly

38.9872, 0.2859, 0.3132

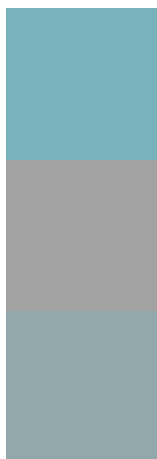
Deuteranomaly

38.5061, 0.2844, 0.3008

Tritanomaly

39.1834, 0.2604, 0.3111

Monochromacy



Original Color

39.3790, 0.2618, 0.3169

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1486, 0.2916, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3790, 0.2618, 0.3169 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(120, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 178, 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(120, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 178, 186) }
```

Border

The CSS property to change the border of an element to Yxy 39.3790, 0.2618, 0.3169 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(120, 178, 186) }
```

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

```
.border{ border-color:rgb(120, 178, 186) }
```

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

Here you see how a box with a 4 pixel rgb(120, 178, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(120, 178,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3790, 0.2618, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 178, 186) }
```

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

```
.background{ background-color: rgb(120,  
178, 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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