

Converting Colors

$Yxy(39.4841, 0.2518, 0.3162)$

Have a look what the booklet for
Yxy(39.4841, 0.2518, 0.3162)
contains.

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Color

Yxy(39.3808, 0.2518, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	6AB4BD
RGB	106, 180, 189
RGB Percent	42%, 71%, 74%
CMY	0.5842, 0.2941, 0.2589
CMYK	0.44, 0.05, 0.00, 0.26
HSL	186°, 39%, 58%
HSV	186°, 44%, 74%
XYZ	31.4497, 39.3808, 54.0690
YIQ	158.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

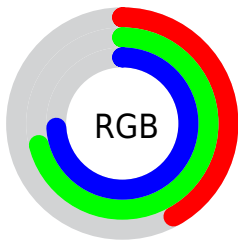
Format	Color
RYB	106, 145, 189
Decimal	6993085
CIELab	69.03, -20.66, -11.78
CIElCh	69, 23.785, 209.689
Yxy	39.3808, 0.2518, 0.3153
Android (android.graphics.Color)	4285183165 (0xFF6AB4BD)
YUV	158.9000, 14.8393, -46.3933
Hunter-Lab	62.7541, -20.3631, -7.1564

Details

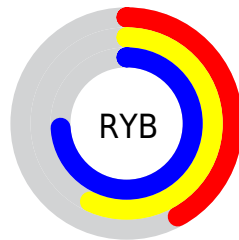
The Yxy color **39.3808, 0.2518, 0.3153** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.1158, 0.4211, 0.3418**, and the grayscale version is **34.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2649, 0.2633, 0.3186**, and **17.6344, 0.2343, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **37.5303, 0.2412, 0.3117**, and if you desaturate by 10%, it is **41.5016, 0.2640, 0.3188**.

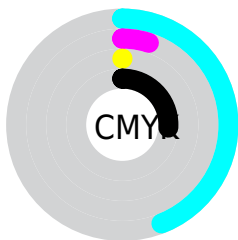
Distribution



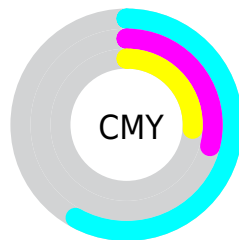
- Red (42%)
- Green (71%)
- Blue (74%)



- Red (42%)
- Yellow (57%)
- Blue (74%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)





- Cyan (58%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3808, 0.2518, 0.3153 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 39.3808, 0.2518, 0.3153 by changing the saturation by 10% instead.


 39.3808, 0.2518,
0.3153


 39.3808, 0.2518,
0.3153


343.5068, 0.2825,
0.3230

 27.0561, 0.2441,
0.3131


 74.2197, 0.2630,
0.3183


 17.6154, 0.2342,
0.3101


 97.5027, 0.2672,
0.3194

 10.6742, 0.2211,
0.3058


 125.2072, 0.2707,
0.3203

 5.8482, 0.2029,
0.2993

 157.7176, 0.2737,
0.3210

 2.7530, 0.1762,
0.2882

195.4184, 0.2764,
0.3216

 1.0042, 0.1202,
0.2710

238.6940, 0.2787,

 0.0000, 0.0000,

0.3221

0.0000

287.9286, 0.2807,
0.3226

■ 39.3808, 0.2518,
0.3153

■ 39.3808, 0.2518,
0.3153

■ 37.5303, 0.2412,
0.3117

■ 41.5016, 0.2640,
0.3188

■ 35.9285, 0.2322,
0.3080

■ 43.9036, 0.2774,
0.3221

■ 34.5580, 0.2252,
0.3043

■ 46.6025, 0.2917,
0.3251

■ 33.3968, 0.2200,
0.3005

■ 49.6116, 0.3068,
0.3280

■ 32.4184, 0.2167,
0.2968

■ 52.9432, 0.3222,
0.3305

■ 31.8786, 0.2152,
0.2946

■ 56.6092, 0.3377,
0.3329

■ 60.6206, 0.3531,
0.3350

■ 64.5678, 0.3664,
0.3368

■ 65.4978, 0.3659,
0.3389

Harmonies

Analogous

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



39.3808, 0.2714, 0.3493



39.3808, 0.2518, 0.3153



39.3808, 0.2476, 0.2879

Triad

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



39.3808, 0.2518, 0.3153



39.3808, 0.3200, 0.2859



39.3808, 0.3671, 0.3859

Complementary

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



39.3808, 0.2518, 0.3153



24.1158, 0.4211, 0.3418

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.



39.3808, 0.3822, 0.3650



39.3808, 0.2518, 0.3153



39.3808, 0.3543, 0.3087

Square

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



39.3808, 0.2518, 0.3153



39.3808, 0.2854, 0.2731



39.3808, 0.3776, 0.3370



39.3808, 0.3377, 0.3918

Rectangle

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



39.3808, 0.2518, 0.3153



39.3808, 0.2538, 0.2766



39.3808, 0.3776, 0.3370



39.3808, 0.3741, 0.3802

Sweetspot

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



39.3823, 0.2518, 0.3153



83.8469, 0.2927, 0.3253



40.6696, 0.3012, 0.4504



17.7889, 0.2895, 0.3247



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.



39.3823, 0.2518, 0.3153



67.2553, 0.2412, 0.3117



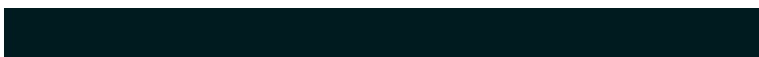
25.2630, 0.2406, 0.2492



10.6286, 0.2985, 0.3264



21.5250, 0.2153, 0.2951



0.8942, 0.2178, 0.3039

Inverse Universe

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



24.4240, 0.3277, 0.2329



37.4076, 0.3319, 0.2136



35.5631, 0.3953, 0.3967



9.6780, 0.3154, 0.3088



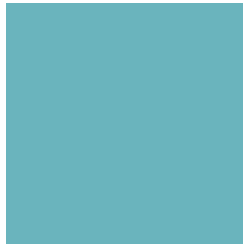
9.2026, 0.3498, 0.1701



0.3656, 0.3420, 0.1658

Previews

White Background



This preview shows how the Yxy color 39.3808, 0.2518, 0.3153 looks on a white background.

Color Contrast Check

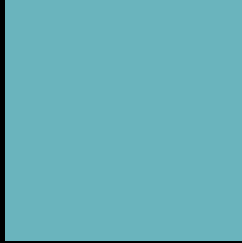
Large Text (above 18pt) WCAG AA × Fail

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 39.3808, 0.2518, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

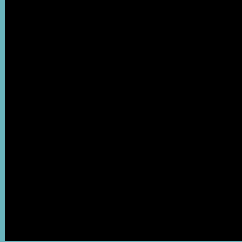
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

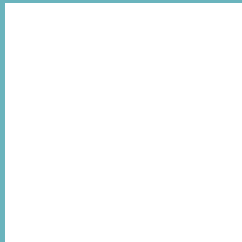
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3808, 0.2518, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 39.3808, 0.2518, 0.3153.

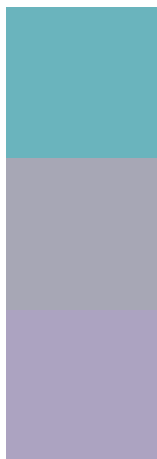


This preview shows how white text looks on a background with the Yxy color 39.3808, 0.2518, 0.3153.

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

39.3808, 0.2518, 0.3153

Protanopia

39.1891, 0.3010, 0.3097

Deuteranopia

38.8153, 0.2957, 0.2888



Tritanopia

39.2610, 0.2492, 0.3064

Trichromacy



Original Color

39.3808, 0.2518, 0.3153

Protanomaly

38.9855, 0.2804, 0.3117

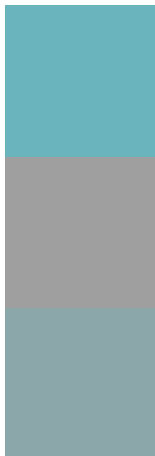
Deuteranomaly

38.4776, 0.2767, 0.2964

Tritanomaly

39.1718, 0.2503, 0.3093

Monochromacy



Original Color

39.3808, 0.2518, 0.3153

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.1152, 0.2865, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3808, 0.2518, 0.3153 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(106, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(106, 180, 189)  
}
```

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(106, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 180, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.3808, 0.2518, 0.3153 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(106, 180, 189) }
```

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

```
.border{ border-color:rgb(106, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(106, 180,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3808, 0.2518, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 180, 189) }
```

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

```
.background{ background-color: rgb(106,  
180, 189) }
```

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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