

Converting Colors

$Yxy(37.9588, 0.2639, 0.3617)$

Have a look what the booklet for
Yxy(37.9588, 0.2639, 0.3617)
contains.

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Color

$\text{Yxy}(38.0726, 0.2640, 0.3629)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60B5A0 |
| RGB | 96, 181, 160 |
| RGB Percent | 38%, 71%, 63% |
| CMY | 0.6233, 0.2902, 0.3726 |
| CMYK | 0.47, 0.00, 0.12, 0.29 |
| HSL | 165°, 36%, 54% |
| HSV | 165°, 47%, 71% |
| XYZ | 27.6968, 38.0726, 39.1427 |
| YIQ | 153.1910, -43.9190, -24.5510 |

Conversions

Conversions Part 2

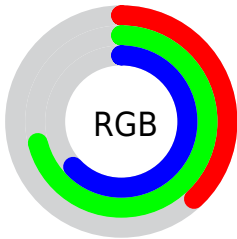
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 96, 144, 181 |
| Decimal | 6337952 |
| CIELab | 68.07, -30.90, 2.75 |
| CIELCh | 68, 31.023, 174.921 |
| Yxy | 38.0726, 0.2640, 0.3629 |
| Android (android.graphics.Color) | 4284528032 (0xFF60B5A0) |
| YUV | 153.1910, 3.3568, -50.1565 |
| Hunter-Lab | 61.7030, -27.8565, 5.5801 |

Details

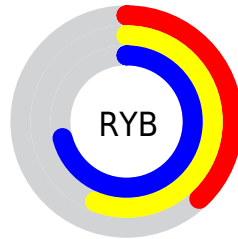
The Yxy color **38.0726, 0.2640, 0.3629** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.4859, 0.4060, 0.2990**, and the grayscale version is **31.9486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0540, 0.2729, 0.3556**, and **16.9545, 0.2485, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **37.0482, 0.2570, 0.3716**, and if you desaturate by 10%, it is **39.3317, 0.2726, 0.3547**.

Distribution



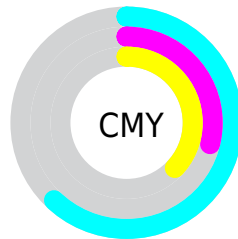
- Red (38%)
- Green (71%)
- Blue (63%)



- Red (38%)
- Yellow (56%)
- Blue (71%)



- Cyan (47%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)




- Cyan (62%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0726, 0.2640, 0.3629 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 38.0726, 0.2640, 0.3629 by changing the saturation by 10% instead.

 38.0726, 0.2640,
0.3629


 38.0726, 0.2640,
0.3629


337.9313, 0.2892,
0.3452

 26.0390, 0.2574,
0.3676


 72.2194, 0.2734,
0.3563


 16.8528, 0.2489,
0.3738


 95.1014, 0.2768,
0.3538

 10.1296, 0.2372,
0.3823


 122.3684, 0.2797,
0.3518

 5.4850, 0.2203,
0.3948

 154.4047, 0.2822,
0.3501

 2.5345, 0.1941,
0.4148

191.5948, 0.2843,
0.3486

 0.8939, 0.0538,
0.5049

234.3230, 0.2861,

 0.0000, 0.0000,

0.3473

0.0000

282.9737, 0.2878,
0.3462

■ 38.0726, 0.2640,
0.3629

■ 38.0726, 0.2640,
0.3629

■ 37.0482, 0.2570,
0.3716

■ 39.3317, 0.2726,
0.3547

■ 36.2383, 0.2517,
0.3805

■ 40.8352, 0.2824,
0.3469

■ 35.6264, 0.2483,
0.3896


■ 42.5978, 0.2931,
0.3397


■ 35.1920, 0.2468,
0.3988

■ 44.6317, 0.3045,
0.3332

■ 34.9059, 0.2472,
0.4079

■ 46.9482, 0.3164,
0.3272

 34.8306, 0.2474,
0.4107

 49.5581, 0.3284,
0.3219

 52.4716, 0.3404,
0.3172

 55.6983, 0.3523,
0.3130

 58.4892, 0.3605,
0.3091

Harmonies

Analogous

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



38.0726, 0.3059, 0.4002



38.0726, 0.2640, 0.3629



38.0726, 0.2363, 0.3168

Triad

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



38.0726, 0.2640, 0.3629



38.0726, 0.2703, 0.2557



38.0726, 0.4053, 0.3692

Complementary

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



38.0726, 0.2640, 0.3629



19.4859, 0.4060, 0.2990

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.



38.0726, 0.3952, 0.3323



38.0726, 0.2640, 0.3629



38.0726, 0.3142, 0.2698

Square

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



38.0726, 0.2640, 0.3629



38.0726, 0.2399, 0.2582



38.0726, 0.3609, 0.2970



38.0726, 0.3885, 0.3996

Rectangle

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



38.0726, 0.2640, 0.3629



38.0726, 0.2285, 0.2900



38.0726, 0.3609, 0.2970



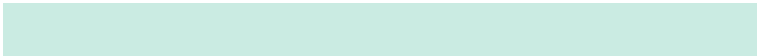
38.0726, 0.4050, 0.3571

Sweetspot

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



38.0741, 0.2640, 0.3629



77.2277, 0.2961, 0.3379



37.6942, 0.3224, 0.4671



16.5318, 0.2937, 0.3394



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.0741, 0.2640, 0.3629



66.3543, 0.2570, 0.3716



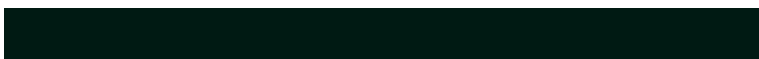
30.8854, 0.2450, 0.2944



9.5949, 0.3018, 0.3347



24.0241, 0.2471, 0.4095



0.7645, 0.2401, 0.3843

Inverse Universe

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



19.4859, 0.4060, 0.2990



29.1087, 0.4384, 0.2939



23.4602, 0.4229, 0.3599



8.5386, 0.3249, 0.3234



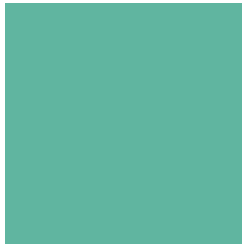
6.9112, 0.5904, 0.3026



0.2269, 0.5113, 0.2590

Previews

White Background



This preview shows how the Yxy color 38.0726, 0.2640, 0.3629 looks on a white background.

Color Contrast Check

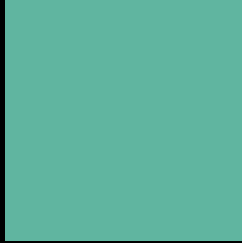
Large Text (above 18pt) WCAG AA × Fail

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 38.0726, 0.2640, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

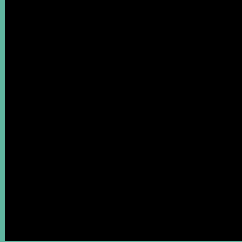
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0726, 0.2640, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 38.0726, 0.2640, 0.3629.

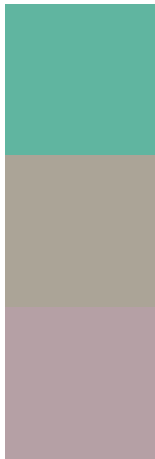


This preview shows how white text looks on a background with the Yxy color 38.0726, 0.2640, 0.3629.

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

38.0726, 0.2640, 0.3629

Protanopia

37.4432, 0.3310, 0.3476

Deuteranopia

37.6820, 0.3285, 0.3222



Tritanopia

38.2091, 0.2492, 0.3077

Trichromacy



Original Color

38.0726, 0.2640, 0.3629

Protanomaly

37.0118, 0.3027, 0.3533

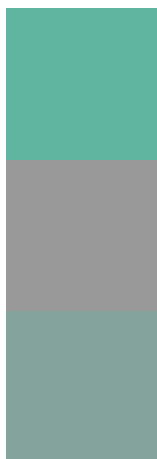
Deuteranomaly

37.1336, 0.3007, 0.3364

Tritanomaly

37.9609, 0.2543, 0.3257

Monochromacy



Original Color

38.0726, 0.2640, 0.3629

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.5002, 0.2904, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0726, 0.2640, 0.3629 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(96, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 181, 160)  
}
```

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(96, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 181, 160) }
```

Border

The CSS property to change the border of an element to Yxy 38.0726, 0.2640, 0.3629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

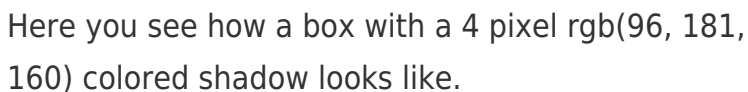
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 181, 160) }
```

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

```
.border{ border-color:rgb(96, 181, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 181,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0726, 0.2640, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 181, 160) }
```

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

```
.background{ background-color: rgb(96, 181,  
160) }
```

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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