

Converting Colors

$Yxy(38.7050, 0.2621, 0.3667)$

Have a look what the booklet for
Yxy(38.7050, 0.2621, 0.3667)
contains.

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Color

Yxy(38.6803, 0.2621, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	5CB7A0
RGB	92, 183, 160
RGB Percent	36%, 72%, 63%
CMY	0.6396, 0.2823, 0.3726
CMYK	0.50, 0.00, 0.13, 0.28
HSL	165°, 39%, 54%
HSV	165°, 50%, 72%
XYZ	27.6846, 38.6803, 39.2612
YIQ	153.1690, -46.8530, -26.4450

Conversions

Conversions Part 2

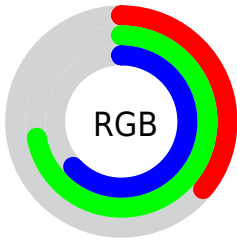
Format	Color
RYB	92, 144, 183
Decimal	6076320
CIELab	68.52, -32.87, 3.37
CIELCh	69, 33.040, 174.145
Yxy	38.6803, 0.2621, 0.3662
Android (android.graphics.Color)	4284266400 (0xFF5CB7A0)
YUV	153.1690, 3.3677, -53.6452
Hunter-Lab	62.1935, -29.3817, 6.1071

Details

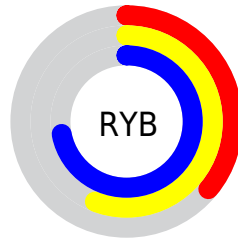
The Yxy color **38.6803, 0.2621, 0.3662** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **18.9435, 0.4141, 0.2967**, and the grayscale version is **31.9237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9352, 0.2717, 0.3580**, and **17.0959, 0.2459, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **37.6927, 0.2556, 0.3752**, and if you desaturate by 10%, it is **39.9046, 0.2702, 0.3576**.

Distribution



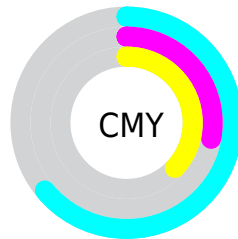
- Red (36%)
- Green (72%)
- Blue (63%)



- Red (36%)
- Yellow (56%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)





- Cyan (64%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6803, 0.2621, 0.3662 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 38.6803, 0.2621, 0.3662 by changing the saturation by 10% instead.


 38.6803, 0.2621,
0.3662


 38.6803, 0.2621,
0.3662


340.5293, 0.2882,
0.3468

 26.5111, 0.2553,
0.3713


 73.1497, 0.2718,
0.3589

 17.2064, 0.2464,
0.3781


 96.2186, 0.2754,
0.3563

 10.3818, 0.2344,
0.3875


 123.6897, 0.2784,
0.3540

 5.6528, 0.2170,
0.4012

 155.9471, 0.2809,
0.3521

 2.6351, 0.1902,
0.4231

193.3754, 0.2831,
0.3505

 0.9444, 0.0514,
0.5161

236.3590, 0.2851,

 0.0000, 0.0000,

0.3491

0.0000

285.2822, 0.2867,
0.3478

■ 38.6803, 0.2621,
0.3662

■ 38.6803, 0.2621,
0.3662

■ 37.6927, 0.2556,
0.3752

■ 39.9046, 0.2702,
0.3576

■ 36.9204, 0.2509,
0.3844

■ 41.3760, 0.2796,
0.3495

■ 36.3459, 0.2481,
0.3938


■ 43.1099, 0.2901,
0.3420


■ 35.9468, 0.2472,
0.4032


■ 45.1191, 0.3013,
0.3351

■ 35.6785, 0.2479,
0.4125


■ 47.4154, 0.3130,
0.3289

 35.6730, 0.2480,
0.4127

 50.0102, 0.3249,
0.3232

 52.9139, 0.3369,
0.3182

 56.1367, 0.3487,
0.3138

 59.3795, 0.3590,
0.3098

Harmonies

Analogous

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



38.6803, 0.3065, 0.4055



38.6803, 0.2621, 0.3662



38.6803, 0.2325, 0.3170

Triad

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



38.6803, 0.2621, 0.3662



38.6803, 0.2668, 0.2516



38.6803, 0.4108, 0.3701

Complementary

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



38.6803, 0.2621, 0.3662



18.9435, 0.4141, 0.2967

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.



38.6803, 0.3996, 0.3312



38.6803, 0.2621, 0.3662



38.6803, 0.3128, 0.2661

Square

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



38.6803, 0.2621, 0.3662



38.6803, 0.2353, 0.2545



38.6803, 0.3625, 0.2943



38.6803, 0.3935, 0.4028

Rectangle

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



38.6803, 0.2621, 0.3662



38.6803, 0.2240, 0.2884



38.6803, 0.3625, 0.2943



38.6803, 0.4103, 0.3573

Sweetspot

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



38.6818, 0.2621, 0.3662



78.7634, 0.2951, 0.3388



38.3714, 0.3237, 0.4761



17.2330, 0.2927, 0.3403



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.6818, 0.2621, 0.3662



67.3069, 0.2549, 0.3763



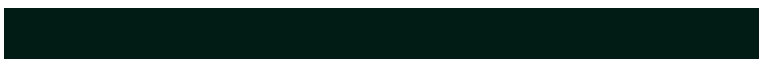
31.4452, 0.2419, 0.2945



10.1708, 0.3018, 0.3348



24.8929, 0.2477, 0.4115



0.8869, 0.2410, 0.3876

Inverse Universe

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



18.9435, 0.4141, 0.2967



27.8232, 0.4519, 0.2914



22.6875, 0.4339, 0.3595



9.0485, 0.3249, 0.3232



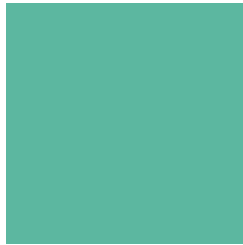
7.1716, 0.5890, 0.3018



0.2631, 0.5144, 0.2607

Previews

White Background



This preview shows how the Yxy color 38.6803, 0.2621, 0.3662 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 38.6803, 0.2621, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

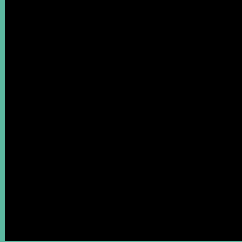
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6803, 0.2621, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 38.6803, 0.2621, 0.3662.



This preview shows how white text looks on a background with the Yxy color 38.6803, 0.2621, 0.3662.

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

38.6803, 0.2621, 0.3662

Protanopia

38.3910, 0.3326, 0.3502

Deuteranopia

38.2736, 0.3303, 0.3236



Tritanopia

38.5158, 0.2466, 0.3062

Trichromacy



Original Color

38.6803, 0.2621, 0.3662

Protanomaly

37.7674, 0.3026, 0.3562

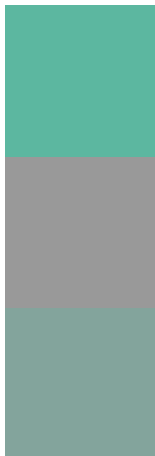
Deuteranomaly

37.5043, 0.3007, 0.3378

Tritanomaly

38.5754, 0.2520, 0.3273

Monochromacy



Original Color

38.6803, 0.2621, 0.3662

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.7765, 0.2896, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6803, 0.2621, 0.3662 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(92, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(92, 183, 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(92, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 38.6803, 0.2621, 0.3662 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(92, 183, 160) }
```

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

```
.border{ border-color:rgb(92, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(92, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6803, 0.2621, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 183, 160) }
```

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

```
.background{ background-color: rgb(92, 183,  
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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