

Converting Colors

$Yxy(38.5435, 0.2664, 0.3280)$

Have a look what the booklet for
Yxy(38.5435, 0.2664, 0.3280)
contains.

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Color

Yxy(38.5806, 0.2661, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	77B1B2
RGB	119, 177, 178
RGB Percent	47%, 69%, 70%
CMY	0.5334, 0.3059, 0.3018
CMYK	0.33, 0.01, 0.00, 0.30
HSL	181°, 28%, 58%
HSV	181°, 33%, 70%
XYZ	31.3666, 38.5806, 47.9281
YIQ	159.7720, -34.8890, -11.9850

Conversions

Conversions Part 2

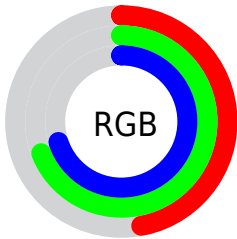
Format	Color
RYB	119, 148, 178
Decimal	7844274
CIELab	68.45, -18.47, -6.54
CIElCh	68, 19.592, 199.505
Yxy	38.5806, 0.2661, 0.3273
Android (android.graphics.Color)	4286034354 (0xFF77B1B2)
YUV	159.7720, 8.9864, -35.7570
Hunter-Lab	62.1133, -18.5574, -2.2703

Details

The Yxy color **38.5806, 0.2661, 0.3273** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.2367, 0.3877, 0.3307**, and the grayscale version is **35.0136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1026, 0.2745, 0.3277**, and **17.0893, 0.2528, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **37.3163, 0.2547, 0.3267**, and if you desaturate by 10%, it is **40.0842, 0.2789, 0.3278**.

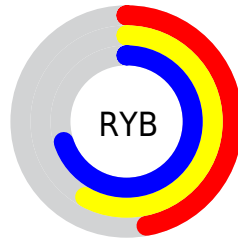
Distribution



Red (47%)

Green (69%)

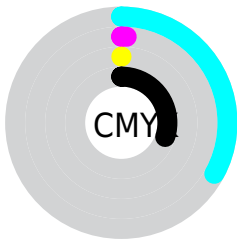
Blue (70%)



Red (47%)

Yellow (58%)

Blue (70%)

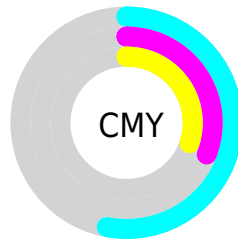


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (53%)


Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5806, 0.2661, 0.3273 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 38.5806, 0.2661, 0.3273 by changing the saturation by 10% instead.


 38.5806, 0.2661,
0.3273


 38.5806, 0.2661,
0.3273


340.1041, 0.2898,
0.3286

 26.4336, 0.2600,
0.3268


 72.9972, 0.2748,
0.3279

 17.1483, 0.2522,
0.3262


 96.0356, 0.2781,
0.3280

 10.3403, 0.2416,
0.3251


 123.4732, 0.2808,
0.3282

 5.6252, 0.2267,
0.3233

155.6945, 0.2831,
0.3283

 2.6185, 0.2040,
0.3197

193.0838, 0.2852,
0.3284

 0.9360, 0.1487,
0.3178

236.0256, 0.2869,

 0.0000, 0.0000,

0.3284

0.0000

284.9042, 0.2885,
0.3285

■ 38.5806, 0.2661,
0.3273

■ 38.5806, 0.2661,
0.3273

■ 37.3163, 0.2547,
0.3267

■ 40.0842, 0.2789,
0.3278

■ 36.2734, 0.2449,
0.3262

■ 41.8347, 0.2930,
0.3284

■ 35.4390, 0.2370,
0.3256

■ 43.8449, 0.3079,
0.3289

■ 34.7969, 0.2309,
0.3250

■ 46.1255, 0.3234,
0.3293

■ 34.3285, 0.2267,
0.3244

■ 48.6865, 0.3392,
0.3297

■ 34.0115, 0.2243,
0.3239

■ 51.5374, 0.3550,
0.3301

■ 33.8497, 0.2232,
0.3235

■ 54.6873, 0.3708,
0.3304

■ 56.9084, 0.3806,
0.3307

■ 57.0331, 0.3805,
0.3311

Harmonies

Analogous

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



38.5806, 0.2865, 0.3548



38.5806, 0.2661, 0.3273



38.5806, 0.2579, 0.3019

Triad

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



38.5806, 0.2661, 0.3273



38.5806, 0.3088, 0.2880



38.5806, 0.3638, 0.3717

Complementary

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



38.5806, 0.2661, 0.3273



24.2367, 0.3877, 0.3307

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.



38.5806, 0.3708, 0.3520



38.5806, 0.2661, 0.3273



38.5806, 0.3382, 0.3048

Square

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



38.5806, 0.2661, 0.3273



38.5806, 0.2816, 0.2809



38.5806, 0.3614, 0.3277



38.5806, 0.3429, 0.3810

Rectangle

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



38.5806, 0.2661, 0.3273



38.5806, 0.2600, 0.2897



38.5806, 0.3614, 0.3277



38.5806, 0.3679, 0.3660

Sweetspot

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



38.5821, 0.2661, 0.3273



76.8761, 0.2973, 0.3285



37.1292, 0.3075, 0.4241



16.9237, 0.2953, 0.3284



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.



38.5821, 0.2661, 0.3273



68.1743, 0.2574, 0.3269



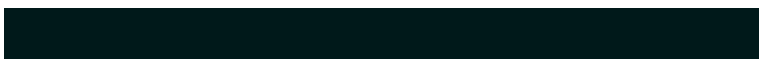
28.1678, 0.2602, 0.2802



9.6057, 0.2986, 0.3286



24.2210, 0.2232, 0.3235



0.7700, 0.2236, 0.3251

Inverse Universe

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



25.8338, 0.3176, 0.2494



41.4338, 0.3188, 0.2321



32.4514, 0.3739, 0.3731



8.6441, 0.3140, 0.3069



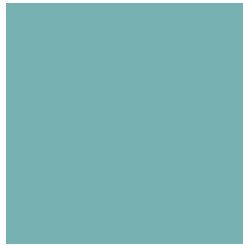
8.9853, 0.3252, 0.1565



0.2835, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 38.5806, 0.2661, 0.3273 looks on a white background.

Color Contrast Check

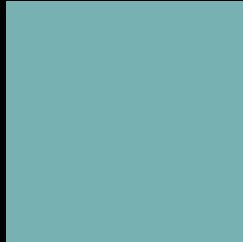
Large Text (above 18pt) WCAG AA × Fail

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 38.5806, 0.2661, 0.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

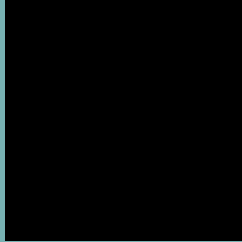
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

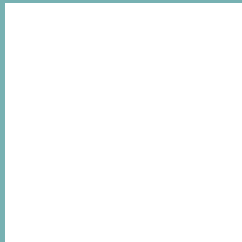
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5806, 0.2661, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 38.5806, 0.2661, 0.3273.

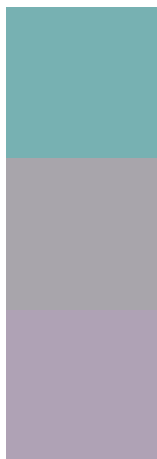


This preview shows how white text looks on a background with the Yxy color 38.5806, 0.2661, 0.3273.

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

38.5806, 0.2661, 0.3273

Protanopia

38.1754, 0.3103, 0.3206

Deuteranopia

38.2908, 0.3083, 0.3032



Tritanopia

38.4716, 0.2606, 0.3081

Trichromacy



Original Color

38.5806, 0.2661, 0.3273

Protanomaly

37.9160, 0.2919, 0.3217

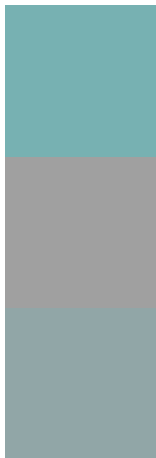
Deuteranomaly

37.9013, 0.2914, 0.3104

Tritanomaly

38.6184, 0.2627, 0.3154

Monochromacy



Original Color

38.5806, 0.2661, 0.3273

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.0822, 0.2930, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5806, 0.2661, 0.3273 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(119, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 178)  
}
```

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(119, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 178) }
```

Border

The CSS property to change the border of an element to Yxy 38.5806, 0.2661, 0.3273 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(119, 177, 178) }
```

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

```
.border{ border-color:rgb(119, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(119, 177,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5806, 0.2661, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 177, 178) }
```

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

```
.background{ background-color: rgb(119,  
177, 178) }
```

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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