

Converting Colors

$Yxy(38.3497, 0.2621, 0.3418)$

Have a look what the booklet for
Yxy(38.3497, 0.2621, 0.3418)
contains.

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Color

Yxy(38.1837, 0.2620, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	69B3AB
RGB	105, 179, 171
RGB Percent	41%, 70%, 67%
CMY	0.5879, 0.2981, 0.3294
CMYK	0.41, 0.00, 0.04, 0.30
HSL	174°, 33%, 56%
HSV	174°, 41%, 70%
XYZ	29.3032, 38.1837, 44.3575
YIQ	155.9620, -41.5360, -18.1760

Conversions

Conversions Part 2

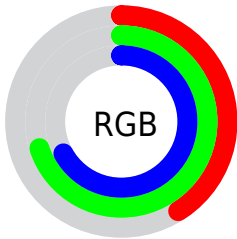
Format	Color
RYB	105, 144, 179
Decimal	6927275
CIELab	68.16, -24.96, -3.17
CIELCh	68, 25.164, 187.229
Yxy	38.1837, 0.2620, 0.3414
Android (android.graphics.Color)	4285117355 (0xFF69B3AB)
YUV	155.9620, 7.4137, -44.6937
Hunter-Lab	61.7930, -23.4900, 0.6943

Details

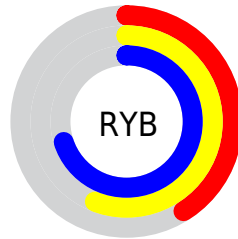
The Yxy color **38.1837, 0.2620, 0.3414** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **20.8945, 0.4048, 0.3176**, and the grayscale version is **33.2162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3812, 0.2718, 0.3395**, and **16.9317, 0.2465, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **37.1389, 0.2529, 0.3449**, and if you desaturate by 10%, it is **39.4607, 0.2726, 0.3381**.

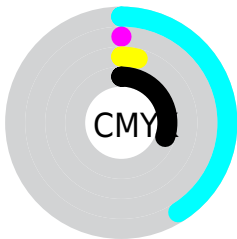
Distribution



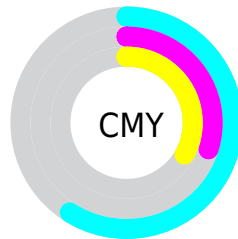
- Red (41%)
- Green (70%)
- Blue (67%)



- Red (41%)
- Yellow (56%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)





- Cyan (59%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1837, 0.2620, 0.3414 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 38.1837, 0.2620, 0.3414 by changing the saturation by 10% instead.


 38.1837, 0.2620,
0.3414


 38.1837, 0.2620,
0.3414


338.4073, 0.2879,
0.3353


 26.1253, 0.2553,
0.3429


 72.3896, 0.2716,
0.3392


 16.9174, 0.2467,
0.3448


 95.3059, 0.2751,
0.3384

 10.1756, 0.2350,
0.3472


 122.6103, 0.2781,
0.3377

 5.5156, 0.2184,
0.3504

 154.6872, 0.2806,
0.3371

 2.5528, 0.1931,
0.3548

191.9209, 0.2828,
0.3365

 0.9030, 0.1047,
0.3799

234.6959, 0.2848,

 0.0000, 0.0000,

0.3361

0.0000

283.3966, 0.2864,
0.3357

■ 38.1837, 0.2620,
0.3414

■ 38.1837, 0.2620,
0.3414

■ 37.1389, 0.2529,
0.3449

■ 39.4607, 0.2726,
0.3381

■ 36.3075, 0.2456,
0.3485

■ 40.9786, 0.2845,
0.3349

■ 35.6747, 0.2400,
0.3522


■ 42.7511, 0.2973,
0.3320


■ 35.2224, 0.2364,
0.3559


■ 44.7896, 0.3109,
0.3293

■ 34.9287, 0.2346,
0.3596


■ 47.1046, 0.3249,
0.3269

 34.7631, 0.2341,
0.3628

 49.7063, 0.3392,
0.3247

 52.6043, 0.3534,
0.3228

 55.8076, 0.3674,
0.3212

 57.1453, 0.3715,
0.3193

Harmonies

Analogous

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



38.1837, 0.2927, 0.3755



38.1837, 0.2620, 0.3414



38.1837, 0.2451, 0.3058

Triad

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



38.1837, 0.2620, 0.3414



38.1837, 0.2922, 0.2717



38.1837, 0.3848, 0.3739

Complementary

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



38.1837, 0.2620, 0.3414



20.8945, 0.4048, 0.3176

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.



38.1837, 0.3854, 0.3451



38.1837, 0.2620, 0.3414



38.1837, 0.3301, 0.2884

Square

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



38.1837, 0.2620, 0.3414



38.1837, 0.2616, 0.2682



38.1837, 0.3650, 0.3145



38.1837, 0.3639, 0.3931

Rectangle

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



38.1837, 0.2620, 0.3414



38.1837, 0.2431, 0.2869



38.1837, 0.3650, 0.3145



38.1837, 0.3874, 0.3649

Sweetspot

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



38.1852, 0.2620, 0.3414



76.2671, 0.2961, 0.3323



36.8155, 0.3137, 0.4516



16.8022, 0.2945, 0.3326



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.



38.1852, 0.2620, 0.3414



66.5980, 0.2533, 0.3447



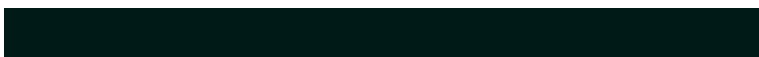
28.2849, 0.2497, 0.2827



9.6154, 0.3000, 0.3315



24.5736, 0.2340, 0.3623



0.7777, 0.2311, 0.3521

Inverse Universe

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



20.8945, 0.4048, 0.3176



31.2339, 0.4389, 0.3153



27.4915, 0.3987, 0.3705



8.5197, 0.3271, 0.3266



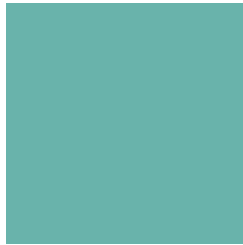
6.8113, 0.6250, 0.3217



0.2191, 0.5740, 0.2936

Previews

White Background



This preview shows how the Yxy color 38.1837, 0.2620, 0.3414 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 38.1837, 0.2620, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

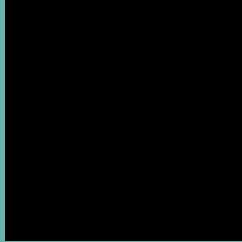
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

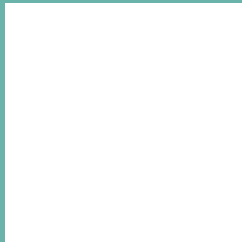
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.1837, 0.2620, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 38.1837, 0.2620, 0.3414.

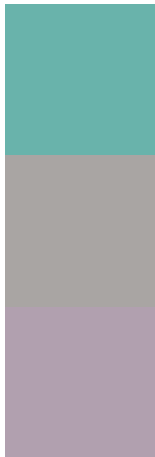


This preview shows how white text looks on a background with the Yxy color 38.1837, 0.2620, 0.3414.

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

38.1837, 0.2620, 0.3414

Protanopia

37.9896, 0.3182, 0.3318

Deuteranopia

37.5839, 0.3156, 0.3085



Tritanopia

38.0834, 0.2525, 0.3077

Trichromacy



Original Color

38.1837, 0.2620, 0.3414

Protanomaly

37.6136, 0.2948, 0.3349

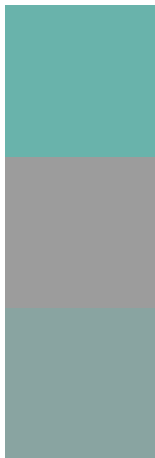
Deuteranomaly

37.2727, 0.2927, 0.3188

Tritanomaly

38.0513, 0.2558, 0.3196

Monochromacy



Original Color

38.1837, 0.2620, 0.3414

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.4425, 0.2908, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1837, 0.2620, 0.3414 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(105, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(105, 179, 171)  
}
```

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(105, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 179, 171) }
```

Border

The CSS property to change the border of an element to Yxy 38.1837, 0.2620, 0.3414 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(105, 179, 171) }
```

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

```
.border{ border-color:rgb(105, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(105, 179,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1837, 0.2620, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 179, 171) }
```

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

```
.background{ background-color: rgb(105,  
179, 171) }
```

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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