

Converting Colors

$Yxy(38.8912, 0.2817, 0.3858)$

Have a look what the booklet for
Yxy(38.8912, 0.2817, 0.3858)
contains.

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Color

Yxy(38.8775, 0.2817, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	6EB693
RGB	110, 182, 147
RGB Percent	43%, 71%, 58%
CMY	0.5686, 0.2863, 0.4236
CMYK	0.40, 0.00, 0.19, 0.29
HSL	151°, 33%, 57%
HSV	151°, 40%, 71%
XYZ	28.4241, 38.8775, 33.6003
YIQ	156.4820, -31.6770, -26.1490

Conversions

Conversions Part 2

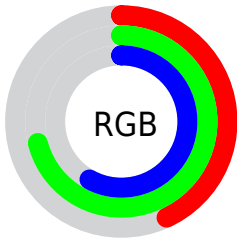
Format	Color
RYB	110, 158, 182
Decimal	7255699
CIELab	68.66, -30.56, 10.82
CIElCh	69, 32.418, 160.508
Yxy	38.8775, 0.2817, 0.3853
Android (android.graphics.Color)	4285445779 (0xFF6EB693)
YUV	156.4820, -4.6746, -40.7647
Hunter-Lab	62.3518, -27.7436, 11.6959

Details

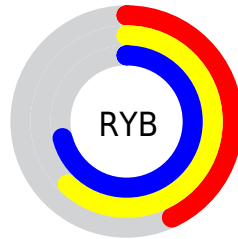
The Yxy color **38.8775, 0.2817, 0.3853** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **23.1448, 0.3620, 0.2795**, and the grayscale version is **33.5052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2586, 0.2877, 0.3736**, and **17.4149, 0.2717, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **37.5616, 0.2758, 0.4027**, and if you desaturate by 10%, it is **40.4577, 0.2887, 0.3691**.

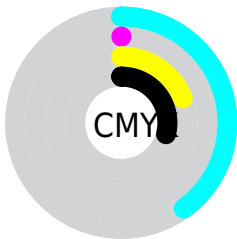
Distribution



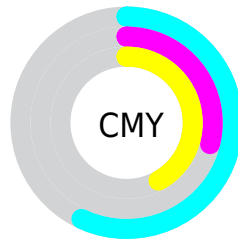
- Red (43%)
- Green (71%)
- Blue (58%)



- Red (43%)
- Yellow (62%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)




- Cyan (57%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8775, 0.2817, 0.3853 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 38.8775, 0.2817, 0.3853 by changing the saturation by 10% instead.


 38.8775, 0.2817,
0.3853


 38.8775, 0.2817,
0.3853


341.3694, 0.2982,
0.3552


 26.6644, 0.2773,
0.3935


 73.4511, 0.2879,
0.3739


 17.3214, 0.2713,
0.4044


 96.5805, 0.2902,
0.3697

 10.4639, 0.2630,
0.4198


 124.1175, 0.2921,
0.3663

 5.7076, 0.2507,
0.4430

 156.4464, 0.2937,
0.3634

 2.6681, 0.2304,
0.4816

193.9516, 0.2950,
0.3609

 0.9610, 0.1170,
0.6795

237.0176, 0.2962,

 0.0000, 0.0000,

0.3588

0.0000

286.0287, 0.2973,
0.3569

■ 38.8775, 0.2817,
0.3853

■ 38.8775, 0.2817,
0.3853

■ 37.5616, 0.2758,
0.4027

■ 40.4577, 0.2887,
0.3691

■ 36.4901, 0.2712,
0.4211

■ 42.3115, 0.2964,
0.3541

■ 35.6476, 0.2683,
0.4400


■ 44.4534, 0.3047,
0.3406


■ 35.0148, 0.2674,
0.4589


■ 46.8955, 0.3131,
0.3285


■ 34.5695, 0.2684,
0.4775


■ 49.6493, 0.3216,
0.3177

 34.2683, 0.2710,
0.4952

 52.7256, 0.3299,
0.3082

 34.2561, 0.2711,
0.4960

 56.1346, 0.3381,
0.2998

 59.7698, 0.3454,
0.2924

 60.2454, 0.3381,
0.2838

Harmonies

Analogous

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



38.8775, 0.3286, 0.4132



38.8775, 0.2817, 0.3853



38.8775, 0.2450, 0.3391

Triad

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



38.8775, 0.2817, 0.3853



38.8775, 0.2515, 0.2521



38.8775, 0.4074, 0.3523

Complementary

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



38.8775, 0.2817, 0.3853



23.1448, 0.3620, 0.2795

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.



38.8775, 0.3838, 0.3141



38.8775, 0.2817, 0.3853



38.8775, 0.2911, 0.2588

Square

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



38.8775, 0.2817, 0.3853



38.8775, 0.2289, 0.2636



38.8775, 0.3399, 0.2810



38.8775, 0.4028, 0.3883

Rectangle

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



38.8775, 0.2817, 0.3853



38.8775, 0.2304, 0.3078



38.8775, 0.3399, 0.2810



38.8775, 0.4025, 0.3394

Sweetspot

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



38.8791, 0.2817, 0.3853



79.5099, 0.3025, 0.3441



40.6952, 0.3374, 0.4374



17.4475, 0.3014, 0.3458



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.



38.8791, 0.2817, 0.3853



68.4831, 0.2767, 0.3996



40.1507, 0.2588, 0.3288



10.1350, 0.3048, 0.3403



24.2035, 0.2705, 0.4940



0.8657, 0.2576, 0.4474

Inverse Universe

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



23.1448, 0.3620, 0.2795



36.1646, 0.3771, 0.2694



22.2254, 0.4102, 0.3293



9.0831, 0.3214, 0.3179



7.5404, 0.4988, 0.2521



0.2783, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 38.8775, 0.2817, 0.3853 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 38.8775, 0.2817, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

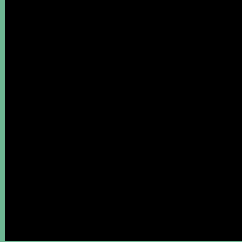
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8775, 0.2817, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 38.8775, 0.2817, 0.3853.



This preview shows how white text looks on a background with the Yxy color 38.8775, 0.2817, 0.3853.

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

38.8775, 0.2817, 0.3853

Protanopia

38.3666, 0.3464, 0.3672

Deuteranopia

38.4155, 0.3485, 0.3426



Tritanopia

38.7614, 0.2589, 0.3081

Trichromacy



Original Color

38.8775, 0.2817, 0.3853

Protanomaly

38.1334, 0.3196, 0.3740

Deuteranomaly

38.0515, 0.3206, 0.3568

Tritanomaly

38.6098, 0.2669, 0.3350

Monochromacy



Original Color

38.8775, 0.2817, 0.3853

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.6991, 0.2991, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8775, 0.2817, 0.3853 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(110, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 147)  
}
```

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(110, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 147) }
```

Border

The CSS property to change the border of an element to Yxy 38.8775, 0.2817, 0.3853 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(110, 182, 147) }
```

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

```
.border{ border-color:rgb(110, 182, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 182, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(110, 182,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8775, 0.2817, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 147) }
```

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

```
.background{ background-color: rgb(110,  
182, 147) }
```

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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