

Converting Colors

$Yxy(39.4802, 0.2885, 0.3837)$

Have a look what the booklet for
Yxy(39.4802, 0.2885, 0.3837)
contains.

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Color

Yxy(39.5556, 0.2888, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	78B693
RGB	120, 182, 147
RGB Percent	47%, 71%, 58%
CMY	0.5296, 0.2862, 0.4236
CMYK	0.34, 0.00, 0.19, 0.29
HSL	146°, 30%, 59%
HSV	146°, 34%, 71%
XYZ	29.7336, 39.5556, 33.6665
YIQ	159.4720, -25.7170, -24.0290

Conversions

Conversions Part 2

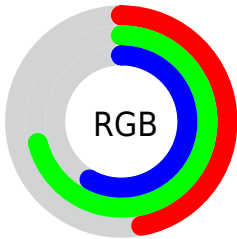
Format	Color
RYB	120, 163, 182
Decimal	7911059
CIELab	69.15, -27.61, 11.57
CIELCh	69, 29.939, 157.261
Yxy	39.5556, 0.2888, 0.3842
Android (android.graphics.Color)	4286101139 (0xFF78B693)
YUV	159.4720, -6.1487, -34.6169
Hunter-Lab	62.8932, -25.6749, 12.2875

Details

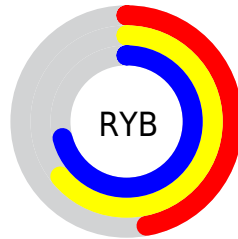
The Yxy color **39.5556, 0.2888, 0.3842** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.7323, 0.3472, 0.2799**, and the grayscale version is **34.9311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3648, 0.2937, 0.3728**, and **17.7740, 0.2808, 0.4043** is the 20% darker color. If you saturate the color by 10%, you get **38.0697, 0.2830, 0.4039**, and if you desaturate by 10%, it is **41.3209, 0.2953, 0.3660**.

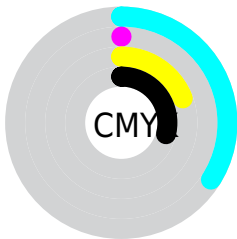
Distribution



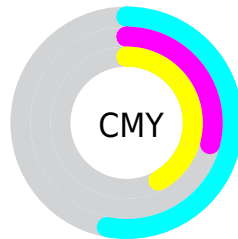
- Red (47%)
- Green (71%)
- Blue (58%)



- Red (47%)
- Yellow (64%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5556, 0.2888, 0.3842 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 39.5556, 0.2888, 0.3842 by changing the saturation by 10% instead.


 39.5556, 0.2888,
0.3842


 39.5556, 0.2888,
0.3842

344.2469, 0.3016,
0.3548


 27.1922, 0.2853,
0.3922


 74.4863, 0.2937,
0.3731

 17.7176, 0.2807,
0.4028


 97.8225, 0.2954,
0.3690

 10.7475, 0.2741,
0.4177


 125.5850, 0.2969,
0.3657

 5.8973, 0.2643,
0.4400

158.1582, 0.2981,
0.3628

 2.7827, 0.2479,
0.4770

195.9267, 0.2992,
0.3604

 1.0194, 0.1803,
0.6361

239.2747, 0.3001,

 0.0000, 0.0000,

0.3583

0.0000

288.5866, 0.3009,
0.3564

■ 39.5556, 0.2888,
0.3842

■ 39.5556, 0.2888,
0.3842

■ 38.0697, 0.2830,
0.4039

■ 41.3209, 0.2953,
0.3660

■ 36.8435, 0.2784,
0.4249

■ 43.3743, 0.3024,
0.3495

■ 35.8624, 0.2752,
0.4466


■ 45.7302, 0.3097,
0.3346


■ 35.1081, 0.2737,
0.4686


■ 48.4006, 0.3171,
0.3214

■ 34.5599, 0.2741,
0.4901

■ 51.3968, 0.3243,
0.3098

 34.1928, 0.2764,
0.5103

 54.7296, 0.3314,
0.2995

 34.0308, 0.2782,
0.5215

 58.4092, 0.3382,
0.2906

 60.3877, 0.3361,
0.2814

 60.9792, 0.3279,
0.2716

Harmonies

Analogous

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



39.5556, 0.3324, 0.4071



39.5556, 0.2888, 0.3842



39.5556, 0.2533, 0.3433

Triad

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



39.5556, 0.2888, 0.3842



39.5556, 0.2531, 0.2582



39.5556, 0.3984, 0.3471

Complementary

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



39.5556, 0.2888, 0.3842



25.7323, 0.3472, 0.2799

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.



39.5556, 0.3743, 0.3118



39.5556, 0.2888, 0.3842



39.5556, 0.2884, 0.2626

Square

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



39.5556, 0.2888, 0.3842



39.5556, 0.2340, 0.2711



39.5556, 0.3329, 0.2818



39.5556, 0.3973, 0.3808

Rectangle

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



39.5556, 0.2888, 0.3842



39.5556, 0.2383, 0.3143



39.5556, 0.3329, 0.2818



39.5556, 0.3930, 0.3351

Sweetspot

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



39.5572, 0.2888, 0.3842



80.2358, 0.3052, 0.3434



41.7968, 0.3383, 0.4201



17.5925, 0.3042, 0.3455



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.



39.5572, 0.2888, 0.3842



69.6127, 0.2843, 0.3991



40.6604, 0.2678, 0.3351



10.1234, 0.3059, 0.3422



24.0408, 0.2776, 0.5194



0.8600, 0.2632, 0.4675

Inverse Universe

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



25.7323, 0.3472, 0.2799



40.6932, 0.3579, 0.2688



24.8240, 0.3861, 0.3232



9.0948, 0.3202, 0.3162



7.7240, 0.4664, 0.2343



0.2845, 0.4193, 0.2084

Previews

White Background



This preview shows how the Yxy color 39.5556, 0.2888, 0.3842 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 39.5556, 0.2888, 0.3842 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 39.5556, 0.2888, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 39.5556, 0.2888, 0.3842.



This preview shows how white text looks on a background with the Yxy color 39.5556, 0.2888, 0.3842.

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

39.5556, 0.2888, 0.3842

Protanopia

39.2458, 0.3460, 0.3683

Deuteranopia

39.0222, 0.3502, 0.3439



Tritanopia

39.4355, 0.2649, 0.3085

Trichromacy



Original Color

39.5556, 0.2888, 0.3842

Protanomaly

38.9382, 0.3223, 0.3734

Deuteranomaly

38.5773, 0.3253, 0.3564

Tritanomaly

39.3324, 0.2739, 0.3349

Monochromacy



Original Color

39.5556, 0.2888, 0.3842

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.0237, 0.3028, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5556, 0.2888, 0.3842 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(120, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 182, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.5556, 0.2888, 0.3842 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(120, 182, 147) }
```

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

```
.border{ border-color:rgb(120, 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(120, 182, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(120, 182,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5556, 0.2888, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 182, 147) }
```

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

```
.background{ background-color: rgb(120,  
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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