

Converting Colors

$Yxy(39.4289, 0.2840, 0.4276)$

Have a look what the booklet for
Yxy(39.4289, 0.2840, 0.4276)
contains.

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Color

Yxy(39.4263, 0.2838, 0.4273)

Conversions

Conversions Part 1

Format	Color
Hex	5DBB80
RGB	93, 187, 128
RGB Percent	36%, 73%, 50%
CMY	0.6351, 0.2667, 0.4980
CMYK	0.50, 0.00, 0.32, 0.27
HSL	142°, 41%, 55%
HSV	142°, 50%, 73%
XYZ	26.1858, 39.4263, 26.6563
YIQ	152.1680, -37.0850, -38.2770

Conversions

Conversions Part 2

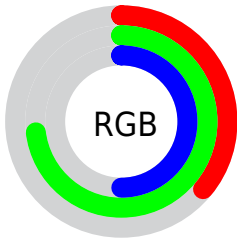
Format	Color
RYB	93, 161, 187
Decimal	6142848
CIELab	69.06, -41.29, 21.54
CIELCh	69, 46.567, 152.450
Yxy	39.4263, 0.2838, 0.4273
Android (android.graphics.Color)	4284332928 (0xFF5DBB80)
YUV	152.1680, -11.9148, -51.8903
Hunter-Lab	62.7904, -35.4424, 18.7829

Details

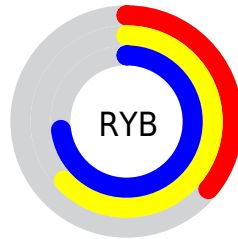
The Yxy color **39.4263, 0.2838, 0.4273** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **20.6716, 0.3630, 0.2494**, and the grayscale version is **31.5474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4271, 0.2904, 0.4072**, and **17.6484, 0.2727, 0.4632** is the 20% darker color. If you saturate the color by 10%, you get **38.2763, 0.2805, 0.4513**, and if you desaturate by 10%, it is **40.8540, 0.2883, 0.4043**.

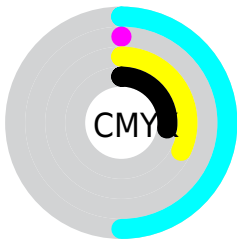
Distribution



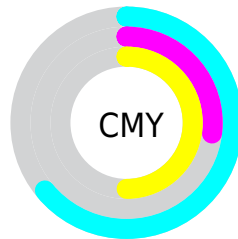
- Red (36%)
- Green (73%)
- Blue (50%)



- Red (36%)
- Yellow (63%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)




- Cyan (64%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4263, 0.2838, 0.4273 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 39.4263, 0.2838, 0.4273 by changing the saturation by 10% instead.


 39.4263, 0.2838,
0.4273


 39.4263, 0.2838,
0.4273


343.6995, 0.3001,
0.3739

 27.0915, 0.2790,
0.4421


 74.2891, 0.2902,
0.4068

 17.6420, 0.2724,
0.4622

 97.5859, 0.2925,
0.3994

 10.6932, 0.2627,
0.4905


 125.3056, 0.2944,
0.3933

 5.8610, 0.2475,
0.5333

 157.8324, 0.2959,
0.3882

 2.7607, 0.2209,
0.6055

195.5508, 0.2972,
0.3838

 1.0081, 0.0000,
1.0000

238.8452, 0.2983,


 0.0000, 0.0000,

0.3800


0.0000


288.1000, 0.2993,
0.3768


 39.4263, 0.2838,
0.4273


 39.4263, 0.2838,
0.4273


 38.2763, 0.2805,
0.4513

 40.8540, 0.2883,
0.4043

 37.3801, 0.2788,
0.4757


 42.5715, 0.2937,
0.3827


 36.7180, 0.2788,
0.4994

 44.5961, 0.2998,
0.3630

 36.2647, 0.2806,
0.5215

 46.9423, 0.3061,
0.3452

 35.9757, 0.2836,
0.5409

 49.6236, 0.3126,
0.3294

■ 52.6530, 0.3190,
0.3153

■ 56.0423, 0.3252,
0.3030

■ 59.8031, 0.3313,
0.2922

■ 62.7212, 0.3320,
0.2821

Harmonies

Analogous

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



39.4263, 0.3502, 0.4553



39.4263, 0.2838, 0.4273



39.4263, 0.2287, 0.3615

Triad

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



39.4263, 0.2838, 0.4273



39.4263, 0.2169, 0.2245



39.4263, 0.4430, 0.3434

Complementary

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



39.4263, 0.2838, 0.4273



20.6716, 0.3630, 0.2494

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.



39.4263, 0.3994, 0.2937



39.4263, 0.2838, 0.4273



39.4263, 0.2646, 0.2284

Square

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



39.4263, 0.2838, 0.4273



39.4263, 0.1941, 0.2448



39.4263, 0.3313, 0.2531



39.4263, 0.4455, 0.3950

Rectangle

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



39.4263, 0.2838, 0.4273



39.4263, 0.2050, 0.3136



39.4263, 0.3313, 0.2531



39.4263, 0.4327, 0.3263

Sweetspot

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



39.4279, 0.2838, 0.4273



81.8999, 0.3029, 0.3539



43.0590, 0.3534, 0.4639



17.8427, 0.3016, 0.3577



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.4279, 0.2838, 0.4273



68.4230, 0.2803, 0.4531



40.9434, 0.2551, 0.3484



10.7068, 0.3067, 0.3438



24.8019, 0.2830, 0.5386



0.9843, 0.2689, 0.4881

Inverse Universe

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



20.6716, 0.3630, 0.2494



31.0903, 0.3787, 0.2352



19.4353, 0.4334, 0.3121



9.6344, 0.3193, 0.3147



8.1852, 0.4410, 0.2203



0.3329, 0.4051, 0.2006

Previews

White Background



This preview shows how the Yxy color 39.4263, 0.2838, 0.4273 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 39.4263, 0.2838, 0.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

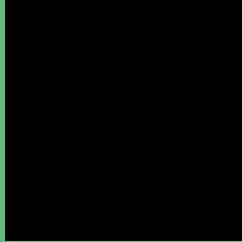
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4263, 0.2838, 0.4273

Background



This preview shows how black text looks on a background with the Yxy color 39.4263, 0.2838, 0.4273.



This preview shows how white text looks on a background with the Yxy color 39.4263, 0.2838, 0.4273.

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

39.4263, 0.2838, 0.4273

Protanopia

38.6726, 0.3683, 0.3960

Deuteranopia

38.8131, 0.3720, 0.3650



Tritanopia

39.4055, 0.2515, 0.3080

Trichromacy



Original Color

39.4263, 0.2838, 0.4273



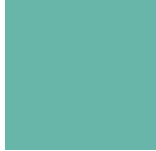
Protanomaly

37.9731, 0.3320, 0.4085



Deuteranomaly

37.6845, 0.3341, 0.3857



Tritanomaly

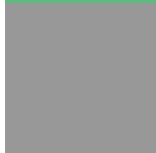
39.2635, 0.2633, 0.3493

Monochromacy



Original Color

39.4263, 0.2838, 0.4273



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

33.7187, 0.3002, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4263, 0.2838, 0.4273 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(93, 187, 128)` looks like.

```
.text, #text, p{  
  color:rgb(93, 187, 128)  
}
```

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(93, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 187, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.4263, 0.2838, 0.4273 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(93, 187, 128) }
```

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

```
.border{ border-color:rgb(93, 187, 128) }
```

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

Here you see how a box with a 4 pixel rgb(93, 187, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(93, 187,  
128) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.4263, 0.2838, 0.4273$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 187, 128) }
```

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

```
.background{ background-color: rgb(93, 187,  
128) }
```

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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