

Converting Colors

$Yxy(39.6965, 0.2859, 0.3936)$

Have a look what the booklet for
Yxy(39.6965, 0.2859, 0.3936)
contains.

Yxy(39.7089, 0.2860, 0.3946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.7089, 0.2860, 0.3946)

Conversions

Conversions Part 1

Format	Color
Hex	70B88F
RGB	112, 184, 143
RGB Percent	44%, 72%, 56%
CMY	0.5608, 0.2784, 0.4391
CMYK	0.39, 0.00, 0.22, 0.28
HSL	146°, 34%, 58%
HSV	146°, 39%, 72%
XYZ	28.7804, 39.7089, 32.1415
YIQ	157.7980, -29.7510, -28.0150

Conversions

Conversions Part 2

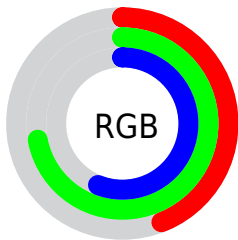
Format	Color
RYB	112, 162, 184
Decimal	7387279
CIELab	69.26, -31.75, 13.84
CIElCh	69, 34.635, 156.456
Yxy	39.7089, 0.2860, 0.3946
Android (android.graphics.Color)	4285577359 (0xFF70B88F)
YUV	157.7980, -7.2954, -40.1648
Hunter-Lab	63.0150, -28.7512, 13.8690

Details

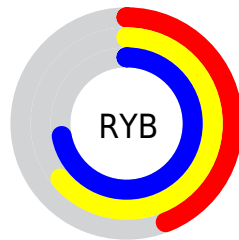
The Yxy color **39.7089, 0.2860, 0.3946** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **24.0758, 0.3537, 0.2720**, and the grayscale version is **34.1396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4584, 0.2912, 0.3806**, and **17.6854, 0.2761, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **38.3217, 0.2808, 0.4152**, and if you desaturate by 10%, it is **41.3756, 0.2921, 0.3754**.

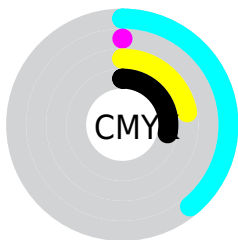
Distribution



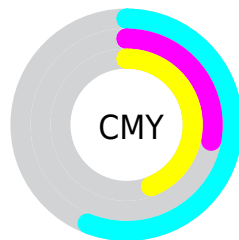
- Red (44%)
- Green (72%)
- Blue (56%)



- Red (44%)
- Yellow (64%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)





- Cyan (56%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7089, 0.2860, 0.3946 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 39.7089, 0.2860, 0.3946 by changing the saturation by 10% instead.


 39.7089, 0.2860,
0.3946


 39.7089, 0.2860,
0.3946


344.8951, 0.3004,
0.3595


 27.3117, 0.2820,
0.4042


 74.7200, 0.2915,
0.3813


 17.8074, 0.2767,
0.4170


 98.1027, 0.2935,
0.3764

 10.8118, 0.2692,
0.4350


 125.9160, 0.2951,
0.3724

 5.9404, 0.2578,
0.4621

 158.5442, 0.2965,
0.3690

 2.8089, 0.2386,
0.5070

196.3719, 0.2977,
0.3661

 1.0328, 0.1444,
0.7477

239.7833, 0.2987,

 0.0000, 0.0000,

0.3636

0.0000

289.1629, 0.2996,
0.3614

■ 39.7089, 0.2860,
0.3946

■ 39.7089, 0.2860,
0.3946

■ 38.3217, 0.2808,
0.4152

■ 41.3756, 0.2921,
0.3754

■ 37.1932, 0.2769,
0.4368

■ 43.3316, 0.2989,
0.3579

■ 36.3074, 0.2746,
0.4590


■ 45.5920, 0.3061,
0.3420


■ 35.6444, 0.2741,
0.4810


■ 48.1695, 0.3133,
0.3278


■ 35.1808, 0.2755,
0.5020

■ 51.0761, 0.3206,
0.3153


 34.8750, 0.2784,
0.5216

 54.3232, 0.3277,
0.3043

 34.8514, 0.2787,
0.5232

 57.9215, 0.3346,
0.2946

 61.0775, 0.3378,
0.2857

 61.6728, 0.3295,
0.2757

Harmonies

Analogous

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



39.7089, 0.3361, 0.4203



39.7089, 0.2860, 0.3946



39.7089, 0.2453, 0.3466

Triad

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



39.7089, 0.2860, 0.3946



39.7089, 0.2436, 0.2483



39.7089, 0.4115, 0.3477

Complementary

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



39.7089, 0.2860, 0.3946



24.0758, 0.3537, 0.2720

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.



39.7089, 0.3828, 0.3079



39.7089, 0.2860, 0.3946



39.7089, 0.2832, 0.2530

Square

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



39.7089, 0.2860, 0.3946



39.7089, 0.2226, 0.2628



39.7089, 0.3344, 0.2744



39.7089, 0.4105, 0.3866

Rectangle

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



39.7089, 0.2860, 0.3946



39.7089, 0.2281, 0.3126



39.7089, 0.3344, 0.2744



39.7089, 0.4050, 0.3342

Sweetspot

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



39.7105, 0.2860, 0.3946



81.3287, 0.3038, 0.3467



42.3222, 0.3427, 0.4343



17.4170, 0.3029, 0.3487



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.



39.7105, 0.2860, 0.3946



69.7770, 0.2814, 0.4123



40.9412, 0.2630, 0.3380



10.1226, 0.3059, 0.3423



24.0317, 0.2780, 0.5209



0.8596, 0.2635, 0.4687

Inverse Universe

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



24.0758, 0.3537, 0.2720



37.4306, 0.3668, 0.2598



23.0845, 0.4005, 0.3207



9.0956, 0.3201, 0.3161



7.7364, 0.4645, 0.2332



0.2849, 0.4180, 0.2077

Previews

White Background



This preview shows how the Yxy color 39.7089, 0.2860, 0.3946 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 39.7089, 0.2860, 0.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

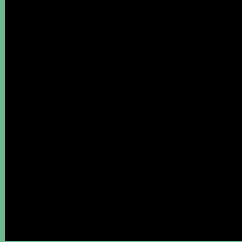
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7089, 0.2860, 0.3946

Background



This preview shows how black text looks on a background with the Yxy color 39.7089, 0.2860, 0.3946.



This preview shows how white text looks on a background with the Yxy color 39.7089, 0.2860, 0.3946.

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

39.7089, 0.2860, 0.3946

Protanopia

39.3382, 0.3525, 0.3751

Deuteranopia

39.1852, 0.3551, 0.3478



Tritanopia

39.4610, 0.2598, 0.3069

Trichromacy



Original Color

39.7089, 0.2860, 0.3946

Protanomaly

39.0756, 0.3254, 0.3825

Deuteranomaly

38.6113, 0.3267, 0.3639

Tritanomaly

39.6204, 0.2693, 0.3380

Monochromacy



Original Color

39.7089, 0.2860, 0.3946

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.6001, 0.3009, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7089, 0.2860, 0.3946 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(112, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(112, 184, 143)  
}
```

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(112, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 184, 143) }
```

Border

The CSS property to change the border of an element to Yxy 39.7089, 0.2860, 0.3946 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(112, 184, 143) }
```

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

```
.border{ border-color:rgb(112, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(112, 184,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7089, 0.2860, 0.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 184, 143) }
```

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

```
.background{ background-color: rgb(112,  
184, 143) }
```

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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