

Converting Colors

$Yxy(39.0617, 0.2932, 0.3793)$

Have a look what the booklet for
Yxy(39.0617, 0.2932, 0.3793)
contains.

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Color

Yxy(39.1847, 0.2933, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	7EB493
RGB	126, 180, 147
RGB Percent	49%, 71%, 58%
CMY	0.5057, 0.2941, 0.4235
CMYK	0.30, 0.00, 0.18, 0.29
HSL	143°, 26%, 60%
HSV	143°, 30%, 71%
XYZ	30.1967, 39.1847, 33.5736
YIQ	160.0920, -21.5910, -21.7110

Conversions

Conversions Part 2

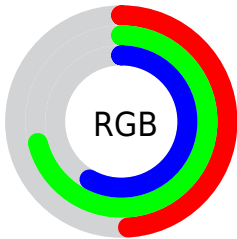
Format	Color
RYB	126, 165, 180
Decimal	8303763
CIELab	68.88, -24.71, 11.24
CIELCh	69, 27.143, 155.546
Yxy	39.1847, 0.2933, 0.3806
Android (android.graphics.Color)	4286493843 (0xFF7EB493)
YUV	160.0920, -6.4544, -29.8987
Hunter-Lab	62.5977, -23.4387, 12.0188

Details

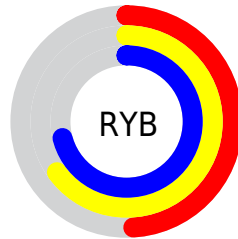
The Yxy color **39.1847, 0.2933, 0.3806** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.1416, 0.3389, 0.2826**, and the grayscale version is **35.2412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9112, 0.2973, 0.3702**, and **17.5191, 0.2870, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **37.6090, 0.2877, 0.4014**, and if you desaturate by 10%, it is **41.0430, 0.2995, 0.3615**.

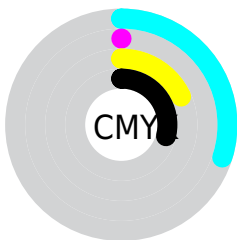
Distribution



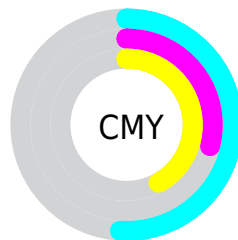
- Red (49%)
- Green (71%)
- Blue (58%)



- Red (49%)
- Yellow (65%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1847, 0.2933, 0.3806 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 39.1847, 0.2933, 0.3806 by changing the saturation by 10% instead.

 39.1847, 0.2933,
0.3806


 39.1847, 0.2933,
0.3806


342.6751, 0.3037,
0.3532


 26.9034, 0.2904,
0.3880


 73.9204, 0.2973,
0.3702

 17.5007, 0.2866,
0.3980


 97.1436, 0.2987,
0.3664

 10.5921, 0.2812,
0.4119


 124.7830, 0.2999,
0.3633

 5.7933, 0.2730,
0.4327

157.2228, 0.3009,
0.3606

 2.7198, 0.2592,
0.4672

194.8475, 0.3018,
0.3584

 0.9873, 0.2068,
0.6153

238.0416, 0.3025,

 0.0000, 0.0000,

0.3564

0.0000

287.1893, 0.3032,
0.3547

■ 39.1847, 0.2933,
0.3806

■ 39.1847, 0.2933,
0.3806

■ 37.6090, 0.2877,
0.4014

■ 41.0430, 0.2995,
0.3615

■ 36.2968, 0.2830,
0.4237

■ 43.1921, 0.3061,
0.3443

■ 35.2343, 0.2795,
0.4470

■ 45.6459, 0.3127,
0.3290

■ 34.4046, 0.2776,
0.4707

■ 48.4158, 0.3194,
0.3154

■ 33.7883, 0.2775,
0.4940

■ 51.5130, 0.3259,
0.3034

■ 33.3628, 0.2791,
0.5158

■ 54.9476, 0.3321,
0.2930

■ 33.0822, 0.2821,
0.5357

■ 58.7298, 0.3381,
0.2839

■ 33.0814, 0.2822,
0.5357

■ 59.9032, 0.3316,
0.2737

■ 60.5597, 0.3229,
0.2635

Harmonies

Analogous

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



39.1847, 0.3332, 0.4001



39.1847, 0.2933, 0.3806



39.1847, 0.2601, 0.3444

Triad

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



39.1847, 0.2933, 0.3806



39.1847, 0.2568, 0.2645



39.1847, 0.3899, 0.3441

Complementary

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



39.1847, 0.2933, 0.3806



27.1416, 0.3389, 0.2826

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.



39.1847, 0.3668, 0.3117



39.1847, 0.2933, 0.3806



39.1847, 0.2886, 0.2675

Square

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



39.1847, 0.2933, 0.3806



39.1847, 0.2402, 0.2775



39.1847, 0.3289, 0.2844



39.1847, 0.3904, 0.3751

Rectangle

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



39.1847, 0.2933, 0.3806



39.1847, 0.2456, 0.3181



39.1847, 0.3289, 0.2844



39.1847, 0.3845, 0.3331

Sweetspot

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



39.1863, 0.2933, 0.3806



78.6638, 0.3066, 0.3430



41.5514, 0.3379, 0.4075



16.8724, 0.3056, 0.3453



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.



39.1863, 0.2933, 0.3806



69.1019, 0.2895, 0.3943



40.1242, 0.2744, 0.3383



9.5429, 0.3065, 0.3433



23.1025, 0.2815, 0.5335



0.7385, 0.2652, 0.4745

Inverse Universe

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



27.1416, 0.3389, 0.2826



43.7078, 0.3467, 0.2721



26.3121, 0.3707, 0.3200



8.5897, 0.3195, 0.3152



7.5731, 0.4470, 0.2236



0.2493, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 39.1847, 0.2933, 0.3806 looks on a white background.

Color Contrast Check

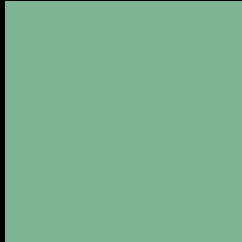
Large Text (above 18pt) WCAG AA × Fail

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 39.1847, 0.2933, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

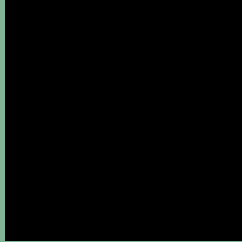
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1847, 0.2933, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 39.1847, 0.2933, 0.3806.



This preview shows how white text looks on a background with the Yxy color 39.1847, 0.2933, 0.3806.

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

39.1847, 0.2933, 0.3806

Protanopia

38.9076, 0.3453, 0.3655

Deuteranopia

38.6713, 0.3505, 0.3425



Tritanopia

38.9713, 0.2695, 0.3085

Trichromacy



Original Color

39.1847, 0.2933, 0.3806

Protanomaly

38.7573, 0.3243, 0.3718

Deuteranomaly

38.4228, 0.3274, 0.3549

Tritanomaly

38.8931, 0.2780, 0.3334

Monochromacy



Original Color

39.1847, 0.2933, 0.3806

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.2999, 0.3055, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1847, 0.2933, 0.3806 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(126, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 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(126, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.1847, 0.2933, 0.3806 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(126, 180, 147) }
```

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

```
.border{ border-color:rgb(126, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 180, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 180, 147); box-shadow:4px 4px 4px 4px rgb(126, 180, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1847, 0.2933, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 147) }
```

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

```
.background{ background-color: rgb(126,  
180, 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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