

Converting Colors

$Yxy(39.1048, 0.2949, 0.3842)$

Have a look what the booklet for
Yxy(39.1048, 0.2949, 0.3842)
contains.

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Color

Yxy(39.1225, 0.2947, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	7EB491
RGB	126, 180, 145
RGB Percent	49%, 71%, 57%
CMY	0.5060, 0.2941, 0.4314
CMYK	0.30, 0.00, 0.19, 0.29
HSL	141°, 26%, 60%
HSV	141°, 30%, 71%
XYZ	30.0323, 39.1225, 32.7532
YIQ	159.8640, -20.9490, -22.3330

Conversions

Conversions Part 2

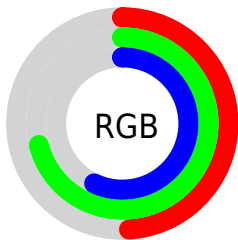
Format	Color
RYB	126, 166, 180
Decimal	8303761
CIELab	68.84, -25.13, 12.27
CIELCh	69, 27.969, 153.982
Yxy	39.1225, 0.2947, 0.3839
Android (android.graphics.Color)	4286493841 (0xFF7EB491)
YUV	159.8640, -7.3280, -29.6987
Hunter-Lab	62.5480, -23.7525, 12.7364

Details

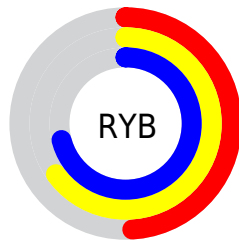
The Yxy color **39.1225, 0.2947, 0.3839** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.1912, 0.3368, 0.2799**, and the grayscale version is **35.1272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8177, 0.2985, 0.3726**, and **17.5008, 0.2880, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **37.5354, 0.2895, 0.4061**, and if you desaturate by 10%, it is **40.9960, 0.3005, 0.3636**.

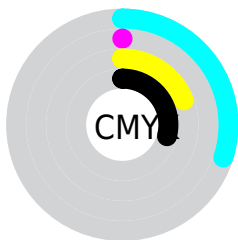
Distribution



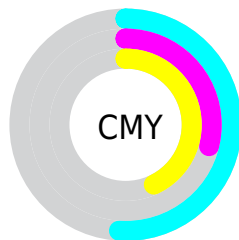
- Red (49%)
- Green (71%)
- Blue (57%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1225, 0.2947, 0.3839 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 39.1225, 0.2947, 0.3839 by changing the saturation by 10% instead.


 39.1225, 0.2947,
0.3839


 39.1225, 0.2947,
0.3839


342.4110, 0.3045,
0.3546


 26.8550, 0.2920,
0.3918


 73.8254, 0.2984,
0.3728

 17.4644, 0.2883,
0.4025


 97.0297, 0.2998,
0.3688

 10.5661, 0.2831,
0.4174


 124.6483, 0.3009,
0.3654

 5.7759, 0.2752,
0.4397

157.0657, 0.3018,
0.3626

 2.7093, 0.2616,
0.4768

194.6663, 0.3026,
0.3602

 0.9819, 0.2102,
0.6519

237.8344, 0.3033,

 0.0000, 0.0000,

0.3581

0.0000

286.9546, 0.3039,
0.3563

■ 39.1225, 0.2947,
0.3839

■ 39.1225, 0.2947,
0.3839

■ 37.5354, 0.2895,
0.4061

■ 40.9960, 0.3005,
0.3636

■ 36.2156, 0.2851,
0.4297

■ 43.1643, 0.3065,
0.3453

■ 35.1489, 0.2820,
0.4545


■ 45.6414, 0.3127,
0.3290


■ 34.3182, 0.2803,
0.4794

■ 48.4392, 0.3188,
0.3146

■ 33.7039, 0.2803,
0.5036


■ 51.5686, 0.3248,
0.3020

 33.2831, 0.2820,
0.5261

 55.0402, 0.3305,
0.2910

 33.0097, 0.2850,
0.5460

 58.8642, 0.3359,
0.2814

 60.0978, 0.3290,
0.2707

 60.8070, 0.3199,
0.2600

Harmonies

Analogous

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



39.1225, 0.3358, 0.4028



39.1225, 0.2947, 0.3839



39.1225, 0.2599, 0.3470

Triad

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



39.1225, 0.2947, 0.3839



39.1225, 0.2539, 0.2629



39.1225, 0.3916, 0.3426

Complementary

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



39.1225, 0.2947, 0.3839



27.1912, 0.3368, 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.



39.1225, 0.3668, 0.3095



39.1225, 0.2947, 0.3839



39.1225, 0.2858, 0.2652

Square

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



39.1225, 0.2947, 0.3839



39.1225, 0.2377, 0.2770



39.1225, 0.3271, 0.2820



39.1225, 0.3933, 0.3748

Rectangle

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



39.1225, 0.2947, 0.3839



39.1225, 0.2445, 0.3197



39.1225, 0.3271, 0.2820



39.1225, 0.3857, 0.3313

Sweetspot

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



39.1241, 0.2947, 0.3839



78.6229, 0.3071, 0.3438



41.7393, 0.3396, 0.4072



16.8623, 0.3062, 0.3463



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.



39.1241, 0.2947, 0.3839



68.9757, 0.2912, 0.3983



40.0549, 0.2756, 0.3411



9.5379, 0.3070, 0.3441



23.0475, 0.2844, 0.5437



0.7365, 0.2677, 0.4837

Inverse Universe

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



27.1912, 0.3368, 0.2799



43.8543, 0.3437, 0.2689



26.3418, 0.3686, 0.3174



8.5949, 0.3189, 0.3144



7.6758, 0.4327, 0.2157



0.2521, 0.3943, 0.1946

Previews

White Background



This preview shows how the Yxy color 39.1225, 0.2947, 0.3839 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 39.1225, 0.2947, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

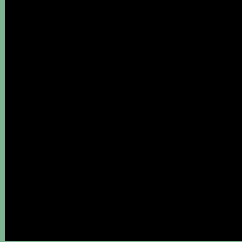
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1225, 0.2947, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 39.1225, 0.2947, 0.3839.



This preview shows how white text looks on a background with the Yxy color 39.1225, 0.2947, 0.3839.

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

39.1225, 0.2947, 0.3839

Protanopia

38.8486, 0.3472, 0.3684

Deuteranopia

38.6068, 0.3524, 0.3453



Tritanopia

39.0538, 0.2702, 0.3086

Trichromacy



Original Color

39.1225, 0.2947, 0.3839

Protanomaly

38.6972, 0.3260, 0.3748

Deuteranomaly

38.3589, 0.3291, 0.3578

Tritanomaly

38.9348, 0.2795, 0.3349

Monochromacy



Original Color

39.1225, 0.2947, 0.3839

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 39.1225, 0.2947, 0.3839 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.1225, 0.2947, 0.3839 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, 145) }
```

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

```
.border{ border-color:rgb(126, 180, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1225, 0.2947, 0.3839 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, 145) }
```

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

```
.background{ background-color: rgb(126,  
180, 145) }
```

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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