

Converting Colors

$Yxy(39.7215, 0.3096, 0.3757)$

Have a look what the booklet for
Yxy(39.7215, 0.3096, 0.3757)
contains.

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Color

Yxy(39.5393, 0.3097, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	91B192
RGB	145, 177, 146
RGB Percent	57%, 69%, 57%
CMY	0.4312, 0.3059, 0.4274
CMYK	0.18, 0.00, 0.18, 0.31
HSL	122°, 17%, 63%
HSV	122°, 18%, 69%
XYZ	32.5933, 39.5393, 33.1090
YIQ	163.8980, -9.1210, -16.4250

Conversions

Conversions Part 2

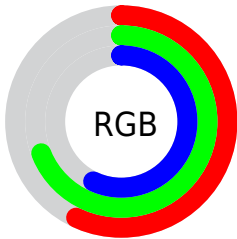
Format	Color
RYB	145, 176, 177
Decimal	9548178
CIELab	69.14, -17.01, 12.30
CIELCh	69, 20.994, 144.125
Yxy	39.5393, 0.3097, 0.3757
Android (android.graphics.Color)	4287738258 (0xFF91B192)
YUV	163.8980, -8.8237, -16.5735
Hunter-Lab	62.8803, -17.5169, 12.7976

Details

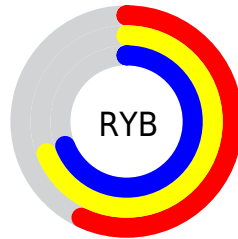
The Yxy color **39.5393, 0.3097, 0.3757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.7468, 0.3157, 0.2864**, and the grayscale version is **37.1238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5901, 0.3103, 0.3667**, and **17.6212, 0.3086, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **37.5609, 0.3079, 0.4061**, and if you desaturate by 10%, it is **41.8518, 0.3114, 0.3485**.

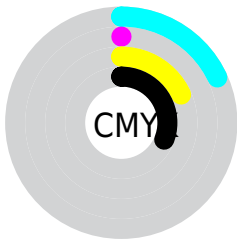
Distribution



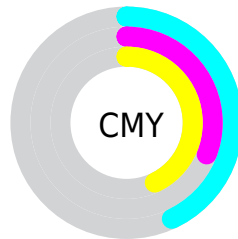
- Red (57%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (69%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)





- Cyan (43%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5393, 0.3097, 0.3757 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 39.5393, 0.3097, 0.3757 by changing the saturation by 10% instead.


 39.5393, 0.3097,
0.3757


 39.5393, 0.3097,
0.3757

344.1780, 0.3116,
0.3510

 27.1795, 0.3091,
0.3823


 74.4615, 0.3105,
0.3664

 17.7081, 0.3082,
0.3911


 97.7926, 0.3108,
0.3630

 10.7406, 0.3068,
0.4034


125.5497, 0.3110,
0.3602

 5.8927, 0.3045,
0.4216

158.1172, 0.3111,
0.3578

 2.7799, 0.3000,
0.4513

195.8793, 0.3113,
0.3557

 1.0180, 0.3026,
0.5636


239.2206, 0.3114,


 0.0000, 0.0000,


0.3540


0.0000


288.5253, 0.3115,
0.3524


 39.5393, 0.3097,
0.3757


 39.5393, 0.3097,
0.3757


 37.5609, 0.3079,
0.4061


 41.8518, 0.3114,
0.3485


 35.8965, 0.3060,
0.4391

 44.5075, 0.3130,
0.3246


 34.5314, 0.3041,
0.4736

 47.5215, 0.3144,
0.3038

 33.4479, 0.3024,
0.5079

 50.9063, 0.3157,
0.2859

 32.6263, 0.3010,
0.5396

 54.6740, 0.3169,
0.2705

■ 32.0445, 0.3001,
0.5661

■ 58.8361, 0.3179,
0.2573

■ 31.6766, 0.2997,
0.5853

■ 59.9217, 0.3163,
0.2527

■ 31.4830, 0.2995,
0.5964

■ 31.4534, 0.2994,
0.5980

Harmonies

Analogous

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



39.5393, 0.3404, 0.3845



39.5393, 0.3097, 0.3757



39.5393, 0.2808, 0.3522

Triad

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



39.5393, 0.3097, 0.3757



39.5393, 0.2626, 0.2812



39.5393, 0.3671, 0.3316

Complementary

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



39.5393, 0.3097, 0.3757



32.7468, 0.3157, 0.2864

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.



39.5393, 0.3443, 0.3068



39.5393, 0.3097, 0.3757



39.5393, 0.2836, 0.2784

Square

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



39.5393, 0.3097, 0.3757



39.5393, 0.2545, 0.2966



39.5393, 0.3133, 0.2878



39.5393, 0.3745, 0.3569

Rectangle

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



39.5393, 0.3097, 0.3757



39.5393, 0.2663, 0.3325



39.5393, 0.3133, 0.2878



39.5393, 0.3609, 0.3230

Sweetspot

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



39.5410, 0.3097, 0.3757



76.3063, 0.3119, 0.3411



42.7714, 0.3389, 0.3731



16.4684, 0.3118, 0.3428



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.5410, 0.3097, 0.3757



69.2174, 0.3089, 0.3885



40.0583, 0.2976, 0.3518



9.4941, 0.3112, 0.3518



22.7925, 0.2993, 0.5976



0.7185, 0.2966, 0.5877

Inverse Universe

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



32.7468, 0.3157, 0.2864



54.5852, 0.3165, 0.2760



32.1660, 0.3310, 0.3073



8.6422, 0.3142, 0.3072



8.9234, 0.3284, 0.1583



0.2821, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 39.5393, 0.3097, 0.3757 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 39.5393, 0.3097, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

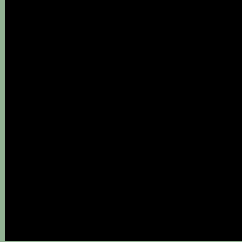
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5393, 0.3097, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 39.5393, 0.3097, 0.3757.



This preview shows how white text looks on a background with the Yxy color 39.5393, 0.3097, 0.3757.

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

39.5393, 0.3097, 0.3757

Protanopia

39.3054, 0.3442, 0.3655

Deuteranopia

39.2171, 0.3541, 0.3465



Tritanopia

39.6832, 0.2853, 0.3106

Trichromacy



Original Color

39.5393, 0.3097, 0.3757

Protanomaly

39.1083, 0.3311, 0.3695

Deuteranomaly

38.8895, 0.3370, 0.3558

Tritanomaly

39.6019, 0.2936, 0.3333

Monochromacy



Original Color

39.5393, 0.3097, 0.3757

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.9784, 0.3119, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5393, 0.3097, 0.3757 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(145, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 177, 146)  
}
```

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(145, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.5393, 0.3097, 0.3757 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(145, 177, 146) }
```

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

```
.border{ border-color:rgb(145, 177, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 177, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 177,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5393, 0.3097, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 177, 146) }
```

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

```
.background{ background-color: rgb(145,  
177, 146) }
```

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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