

Converting Colors

Yxy(39.7416, 0.3087, 0.3683)

Have a look what the booklet for
Yxy(39.7416, 0.3087, 0.3683)
contains.

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Color

Yxy(39.9422, 0.3091, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	94B196
RGB	148, 177, 150
RGB Percent	58%, 69%, 59%
CMY	0.4196, 0.3059, 0.4117
CMYK	0.16, 0.00, 0.15, 0.31
HSL	124°, 16%, 64%
HSV	124°, 16%, 69%
XYZ	33.4402, 39.9422, 34.8034
YIQ	165.2510, -8.6170, -14.5450

Conversions

Conversions Part 2

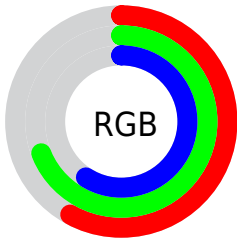
Format	Color
RYB	148, 175, 177
Decimal	9744790
CIELab	69.43, -15.25, 10.54
CIElCh	69, 18.538, 145.338
Yxy	39.9422, 0.3091, 0.3692
Android (android.graphics.Color)	4287934870 (0xFF94B196)
YUV	165.2510, -7.5187, -15.1291
Hunter-Lab	63.1998, -16.1520, 11.5896

Details

The Yxy color **39.9422, 0.3091, 0.3692** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6228, 0.3165, 0.2918**, and the grayscale version is **37.7945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1940, 0.3098, 0.3618**, and **17.8575, 0.3079, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **37.9235, 0.3068, 0.3978**, and if you desaturate by 10%, it is **42.2914, 0.3113, 0.3437**.

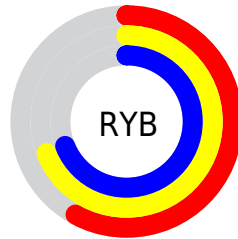
Distribution



Red (58%)

Green (69%)

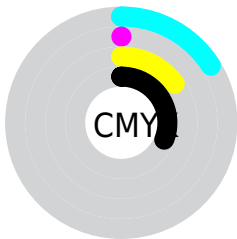
Blue (59%)



Red (58%)

Yellow (69%)

Blue (69%)

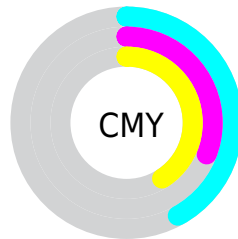


Cyan (16%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (42%)


Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9422, 0.3091, 0.3692 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 39.9422, 0.3091, 0.3692 by changing the saturation by 10% instead.

 39.9422, 0.3091,
0.3692


 39.9422, 0.3091,
0.3692


345.8799, 0.3112,
0.3481

 27.4935, 0.3085,
0.3748


 75.0755, 0.3099,
0.3613

 17.9442, 0.3076,
0.3823


 98.5289, 0.3102,
0.3584

 10.9099, 0.3062,
0.3927


126.4192, 0.3105,
0.3559

 6.0063, 0.3041,
0.4080

159.1310, 0.3107,
0.3539

 2.8489, 0.3001,
0.4329

197.0485, 0.3108,
0.3521

 1.0534, 0.2991,
0.5082


240.5563, 0.3110,


 0.0000, 0.0000,


0.3506

0.0000


290.0386, 0.3111,
0.3492


 39.9422, 0.3091,
0.3692

 39.9422, 0.3091,
0.3692


 37.9235, 0.3068,
0.3978


 42.2914, 0.3113,
0.3437

 36.2156, 0.3045,
0.4291


 44.9795, 0.3135,
0.3212


 34.8045, 0.3023,
0.4623

 48.0212, 0.3154,
0.3018

 33.6734, 0.3005,
0.4959

 51.4285, 0.3172,
0.2849

 32.8036, 0.2991,
0.5278

 55.2131, 0.3189,
0.2704

■ 32.1740, 0.2983,
0.5557

■ 59.3860, 0.3203,
0.2580

■ 31.7605, 0.2982,
0.5776

■ 59.9257, 0.3163,
0.2527

■ 31.5313, 0.2987,
0.5919

■ 31.4728, 0.2987,
0.5954

Harmonies

Analogous

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



39.9422, 0.3362, 0.3776



39.9422, 0.3091, 0.3692



39.9422, 0.2838, 0.3484

Triad

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



39.9422, 0.3091, 0.3692



39.9422, 0.2689, 0.2865



39.9422, 0.3611, 0.3324

Complementary

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



39.9422, 0.3091, 0.3692



33.6228, 0.3165, 0.2918

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.



39.9422, 0.3415, 0.3102



39.9422, 0.3091, 0.3692



39.9422, 0.2881, 0.2843

Square

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



39.9422, 0.3091, 0.3692



39.9422, 0.2613, 0.2999



39.9422, 0.3145, 0.2930



39.9422, 0.3670, 0.3547

Rectangle

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



39.9422, 0.3091, 0.3692



39.9422, 0.2711, 0.3311



39.9422, 0.3145, 0.2930



39.9422, 0.3558, 0.3247

Sweetspot

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



39.9439, 0.3091, 0.3692



76.3299, 0.3116, 0.3406



42.7059, 0.3351, 0.3692



16.4742, 0.3115, 0.3422



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.



39.9439, 0.3091, 0.3692



70.0349, 0.3082, 0.3802



40.4378, 0.2979, 0.3473



9.4993, 0.3107, 0.3509



22.8057, 0.2985, 0.5946



0.7207, 0.2923, 0.5724

Inverse Universe

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



33.6228, 0.3165, 0.2918



56.3643, 0.3175, 0.2827



33.0857, 0.3305, 0.3114



8.6364, 0.3148, 0.3081



8.7380, 0.3388, 0.1640



0.2779, 0.3333, 0.1610

Previews

White Background



This preview shows how the Yxy color 39.9422, 0.3091, 0.3692 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 39.9422, 0.3091, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

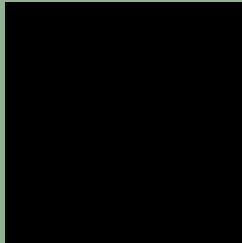
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9422, 0.3091, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 39.9422, 0.3091, 0.3692.



This preview shows how white text looks on a background with the Yxy color 39.9422, 0.3091, 0.3692.

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

39.9422, 0.3091, 0.3692

Protanopia

39.9162, 0.3413, 0.3610

Deuteranopia

39.5707, 0.3490, 0.3424



Tritanopia

39.9202, 0.2862, 0.3093

Trichromacy



Original Color

39.9422, 0.3091, 0.3692

Protanomaly

39.8271, 0.3293, 0.3648

Deuteranomaly

39.3862, 0.3333, 0.3514

Tritanomaly

39.9646, 0.2945, 0.3304

Monochromacy



Original Color

39.9422, 0.3091, 0.3692

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2849, 0.3112, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9422, 0.3091, 0.3692 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(148, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(148, 177, 150)  
}
```

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(148, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 177, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.9422, 0.3091, 0.3692 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(148, 177, 150) }
```

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

```
.border{ border-color:rgb(148, 177, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 177, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(148, 177,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9422, 0.3091, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 177, 150) }
```

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

```
.background{ background-color: rgb(148,  
177, 150) }
```

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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