

Converting Colors

$Yxy(39.6152, 0.2876, 0.3699)$

Have a look what the booklet for
Yxy(39.6152, 0.2876, 0.3699)
contains.

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Color

Yxy(39.7408, 0.2875, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	7DB59A
RGB	125, 181, 154
RGB Percent	49%, 71%, 60%
CMY	0.5099, 0.2902, 0.3960
CMYK	0.31, 0.00, 0.15, 0.29
HSL	151°, 27%, 60%
HSV	151°, 31%, 71%
XYZ	30.8131, 39.7408, 36.6220
YIQ	161.1780, -24.7090, -20.2690

Conversions

Conversions Part 2

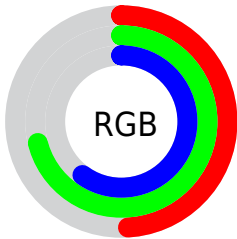
Format	Color
R_{YB}	125, 162, 181
Decimal	8238490
CIE _{Lab}	69.28, -24.13, 7.95
CIE _{LCh}	69, 25.403, 161.753
Yxy	39.7408, 0.2875, 0.3708
Android (android.graphics.Color)	4286428570 (0xFF7DB59A)
YUV	161.1780, -3.5388, -31.7281
Hunter-Lab	63.0403, -23.0727, 9.6849

Details

The Yxy color **39.7408, 0.2875, 0.3708** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.7550, 0.3485, 0.2909**, and the grayscale version is **35.7528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7061, 0.2927, 0.3629**, and **17.8735, 0.2796, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **38.2220, 0.2806, 0.3871**, and if you desaturate by 10%, it is **41.5323, 0.2952, 0.3559**.

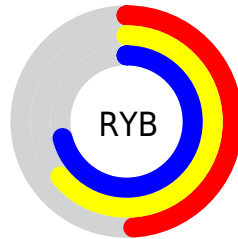
Distribution



Red (49%)

Green (71%)

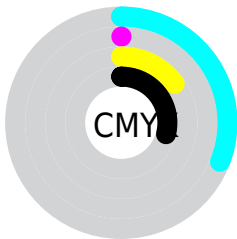
Blue (60%)



Red (49%)

Yellow (64%)

Blue (71%)

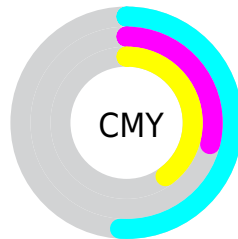


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7408, 0.2875, 0.3708 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 39.7408, 0.2875, 0.3708 by changing the saturation by 10% instead.


 39.7408, 0.2875,
0.3708


 39.7408, 0.2875,
0.3708


345.0299, 0.3007,
0.3487


 27.3365, 0.2840,
0.3767


 74.7687, 0.2925,
0.3625

 17.8261, 0.2793,
0.3846


 98.1610, 0.2943,
0.3595

 10.8252, 0.2729,
0.3955

 125.9848, 0.2958,
0.3569

 5.9494, 0.2634,
0.4118

158.6245, 0.2971,
0.3548

 2.8144, 0.2482,
0.4384

196.4645, 0.2982,
0.3530

 1.0356, 0.1953,
0.5213

239.8891, 0.2991,

 0.0000, 0.0000,

0.3514

0.0000

289.2828, 0.3000,
0.3500

■ 39.7408, 0.2875,
0.3708

■ 39.7408, 0.2875,
0.3708

■ 38.2220, 0.2806,
0.3871

■ 41.5323, 0.2952,
0.3559

■ 36.9569, 0.2748,
0.4044

■ 43.6044, 0.3034,
0.3423

■ 35.9320, 0.2704,
0.4227


■ 45.9708, 0.3119,
0.3301


■ 35.1304, 0.2677,
0.4414


■ 48.6429, 0.3204,
0.3192

■ 34.5328, 0.2670,
0.4602


■ 51.6313, 0.3289,
0.3096


 34.1164, 0.2682,
0.4785

 54.9464, 0.3371,
0.3012

 33.8541, 0.2707,
0.4943

 58.5978, 0.3451,
0.2938

 59.6806, 0.3406,
0.2855

 60.1656, 0.3335,
0.2771

Harmonies

Analogous

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



39.7408, 0.3242, 0.3929



39.7408, 0.2875, 0.3708



39.7408, 0.2587, 0.3358

Triad

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



39.7408, 0.2875, 0.3708



39.7408, 0.2656, 0.2680



39.7408, 0.3865, 0.3497

Complementary

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



39.7408, 0.2875, 0.3708



26.7550, 0.3485, 0.2909

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.



39.7408, 0.3690, 0.3190



39.7408, 0.2875, 0.3708



39.7408, 0.2977, 0.2737

Square

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



39.7408, 0.2875, 0.3708



39.7408, 0.2467, 0.2772



39.7408, 0.3358, 0.2919



39.7408, 0.3825, 0.3774

Rectangle

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



39.7408, 0.2875, 0.3708



39.7408, 0.2472, 0.3119



39.7408, 0.3358, 0.2919



39.7408, 0.3829, 0.3394

Sweetspot

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



39.7424, 0.2875, 0.3708



78.8117, 0.3049, 0.3400



41.2118, 0.3319, 0.4121



16.9090, 0.3037, 0.3418



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.



39.7424, 0.2875, 0.3708



69.3049, 0.2828, 0.3815



40.3670, 0.2688, 0.3275



9.5612, 0.3048, 0.3402



23.3509, 0.2701, 0.4922



0.7464, 0.2562, 0.4422

Inverse Universe

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



26.7550, 0.3485, 0.2909



42.4122, 0.3591, 0.2824



26.2064, 0.3810, 0.3306



8.5712, 0.3214, 0.3181



7.2631, 0.5004, 0.2530



0.2403, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 39.7408, 0.2875, 0.3708 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 39.7408, 0.2875, 0.3708 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 39.7408, 0.2875, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 39.7408, 0.2875, 0.3708.



This preview shows how white text looks on a background with the Yxy color 39.7408, 0.2875, 0.3708.

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

39.7408, 0.2875, 0.3708

Protanopia

39.3420, 0.3387, 0.3585

Deuteranopia

39.4818, 0.3424, 0.3358



Tritanopia

39.7549, 0.2678, 0.3086

Trichromacy



Original Color

39.7408, 0.2875, 0.3708

Protanomaly

39.2572, 0.3174, 0.3627

Deuteranomaly

39.2908, 0.3201, 0.3475

Tritanomaly

39.7609, 0.2747, 0.3304

Monochromacy



Original Color

39.7408, 0.2875, 0.3708

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.7698, 0.3030, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7408, 0.2875, 0.3708 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(125, 181, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 154)  
}
```

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(125, 181, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 154) }
```

Border

The CSS property to change the border of an element to Yxy 39.7408, 0.2875, 0.3708 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(125, 181, 154) }
```

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

```
.border{ border-color:rgb(125, 181, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 181, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7408, 0.2875, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 154) }
```

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

```
.background{ background-color: rgb(125,  
181, 154) }
```

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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