

Converting Colors

$Yxy(39.2484, 0.2940, 0.4018)$

Have a look what the booklet for
Yxy(39.2484, 0.2940, 0.4018)
contains.

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Color

Yxy(39.0439, 0.2937, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	75B689
RGB	117, 182, 137
RGB Percent	46%, 71%, 54%
CMY	0.5410, 0.2863, 0.4628
CMYK	0.36, 0.00, 0.25, 0.29
HSL	138°, 31%, 59%
HSV	138°, 36%, 71%
XYZ	28.5822, 39.0439, 29.6917
YIQ	157.4350, -24.2950, -27.7750

Conversions

Conversions Part 2

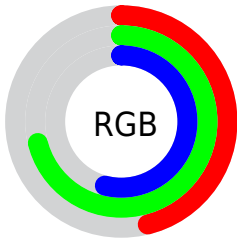
Format	Color
RYB	117, 167, 182
Decimal	7714441
CIELab	68.78, -30.46, 16.48
CIElCh	69, 34.635, 151.581
Yxy	39.0439, 0.2937, 0.4012
Android (android.graphics.Color)	4285904521 (0xFF75B689)
YUV	157.4350, -10.0745, -35.4615
Hunter-Lab	62.4851, -27.6986, 15.5662

Details

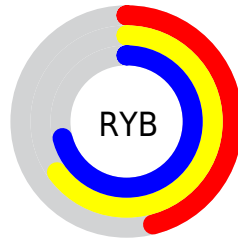
The Yxy color **39.0439, 0.2937, 0.4012** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.2865, 0.3393, 0.2666**, and the grayscale version is **33.9814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5686, 0.2975, 0.3855**, and **17.5125, 0.2863, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **37.5635, 0.2894, 0.4260**, and if you desaturate by 10%, it is **40.8149, 0.2987, 0.3782**.

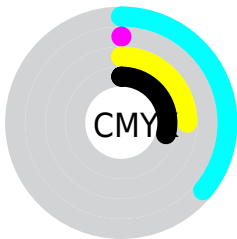
Distribution



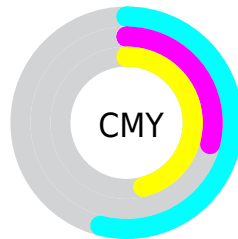
- Red (46%)
- Green (71%)
- Blue (54%)



- Red (46%)
- Yellow (65%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (29%)





- Cyan (54%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0439, 0.2937, 0.4012 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 39.0439, 0.2937, 0.4012 by changing the saturation by 10% instead.


 39.0439, 0.2937,
0.4012


 39.0439, 0.2937,
0.4012


342.0771, 0.3043,
0.3624


 26.7939, 0.2906,
0.4119


 73.7054, 0.2979,
0.3864

 17.4185, 0.2864,
0.4262


 96.8856, 0.2993,
0.3811

 10.5333, 0.2803,
0.4463


 124.4781, 0.3005,
0.3766

 5.7540, 0.2707,
0.4767

156.8671, 0.3015,
0.3729

 2.6961, 0.2536,
0.5274

194.4371, 0.3024,
0.3697

 0.9752, 0.1562,
0.8438

237.5726, 0.3031,

 0.0000, 0.0000,

0.3669

0.0000

286.6577, 0.3038,
0.3645

■ 39.0439, 0.2937,
0.4012

■ 39.0439, 0.2937,
0.4012

■ 37.5635, 0.2894,
0.4260

■ 40.8149, 0.2987,
0.3782

■ 36.3533, 0.2860,
0.4520

■ 42.8862, 0.3040,
0.3574

■ 35.3974, 0.2839,
0.4785


■ 45.2729, 0.3096,
0.3387


■ 34.6767, 0.2834,
0.5044

■ 47.9876, 0.3151,
0.3221


■ 34.1689, 0.2844,
0.5285

■ 51.0424, 0.3205,
0.3076

 33.8462, 0.2870,
0.5496

 54.4486, 0.3257,
0.2949

 33.7397, 0.2882,
0.5577

 58.2169, 0.3306,
0.2838

 60.8807, 0.3292,
0.2731

 61.6476, 0.3194,
0.2615

Harmonies

Analogous

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



39.0439, 0.3443, 0.4220



39.0439, 0.2937, 0.4012



39.0439, 0.2504, 0.3552

Triad

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



39.0439, 0.2937, 0.4012



39.0439, 0.2384, 0.2489



39.0439, 0.4093, 0.3411

Complementary

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



39.0439, 0.2937, 0.4012



25.2865, 0.3393, 0.2666

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.



39.0439, 0.3762, 0.3017



39.0439, 0.2937, 0.4012



39.0439, 0.2755, 0.2507

Square

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



39.0439, 0.2937, 0.4012



39.0439, 0.2208, 0.2668



39.0439, 0.3259, 0.2696



39.0439, 0.4133, 0.3809

Rectangle

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



39.0439, 0.2937, 0.4012



39.0439, 0.2310, 0.3205



39.0439, 0.3259, 0.2696



39.0439, 0.4011, 0.3276

Sweetspot

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



39.0455, 0.2937, 0.4012



79.6320, 0.3065, 0.3487



42.4754, 0.3473, 0.4221



17.4614, 0.3058, 0.3512



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.0455, 0.2937, 0.4012



68.5921, 0.2902, 0.4210



40.1045, 0.2716, 0.3488



10.1043, 0.3075, 0.3452



23.8377, 0.2877, 0.5556



0.8518, 0.2723, 0.5002

Inverse Universe

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



25.2865, 0.3393, 0.2666



39.8554, 0.3473, 0.2527



24.2887, 0.3795, 0.3105



9.1145, 0.3183, 0.3133



8.1011, 0.4158, 0.2064



0.2961, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 39.0439, 0.2937, 0.4012 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 39.0439, 0.2937, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

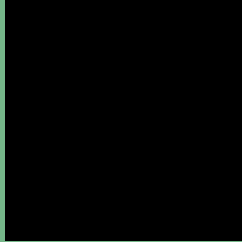
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0439, 0.2937, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 39.0439, 0.2937, 0.4012.



This preview shows how white text looks on a background with the Yxy color 39.0439, 0.2937, 0.4012.

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

39.0439, 0.2937, 0.4012

Protanopia

38.7141, 0.3564, 0.3810

Deuteranopia

38.6492, 0.3612, 0.3546



Tritanopia

38.9233, 0.2647, 0.3083

Trichromacy



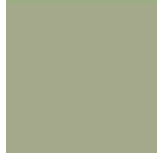
Original Color

39.0439, 0.2937, 0.4012



Protanomaly

38.2664, 0.3309, 0.3872



Deuteranomaly

38.2687, 0.3341, 0.3712



Tritanomaly

39.0282, 0.2752, 0.3411

Monochromacy



Original Color

39.0439, 0.2937, 0.4012



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

35.2252, 0.3042, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0439, 0.2937, 0.4012 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(117, 182, 137)` looks like.

```
.text, #text, p{  
    color:rgb(117, 182, 137)  
}
```

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(117, 182, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 182, 137) }
```

Border

The CSS property to change the border of an element to Yxy 39.0439, 0.2937, 0.4012 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(117, 182, 137) }
```

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

```
.border{ border-color:rgb(117, 182, 137) }
```

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

Here you see how a box with a 4 pixel rgb(117, 182, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 182, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 182, 137);  
box-shadow:4px 4px 4px 4px rgb(117, 182,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0439, 0.2937, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 182, 137) }
```

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

```
.background{ background-color: rgb(117,  
182, 137) }
```

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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