

Converting Colors

$Yxy(38.5796, 0.2932, 0.4022)$

Have a look what the booklet for
Yxy(38.5796, 0.2932, 0.4022)
contains.

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Color

Yxy(38.4702, 0.2928, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	73B588
RGB	115, 181, 136
RGB Percent	45%, 71%, 53%
CMY	0.5492, 0.2902, 0.4667
CMYK	0.36, 0.00, 0.25, 0.29
HSL	139°, 31%, 58%
HSV	139°, 36%, 71%
XYZ	28.0340, 38.4702, 29.2404
YIQ	156.1360, -24.8910, -27.9870

Conversions

Conversions Part 2

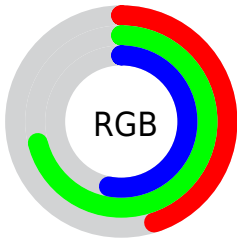
Format	Color
RYB	115, 165, 181
Decimal	7583112
CIELab	68.37, -30.82, 16.42
CIELCh	68, 34.921, 151.945
Yxy	38.4702, 0.2928, 0.4018
Android (android.graphics.Color)	4285773192 (0xFF73B588)
YUV	156.1360, -9.9270, -36.0763
Hunter-Lab	62.0244, -27.8634, 15.4657

Details

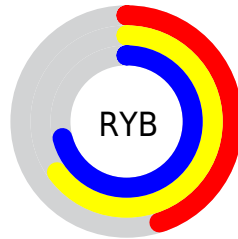
The Yxy color **38.4702, 0.2928, 0.4018** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **24.6144, 0.3409, 0.2662**, and the grayscale version is **33.3600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6775, 0.2974, 0.3871**, and **17.1670, 0.2853, 0.4278** is the 20% darker color. If you saturate the color by 10%, you get **37.0325, 0.2884, 0.4263**, and if you desaturate by 10%, it is **40.1924, 0.2979, 0.3791**.

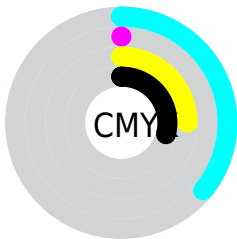
Distribution



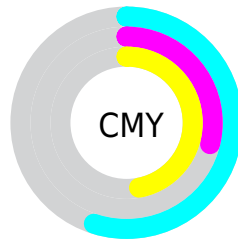
- Red (45%)
- Green (71%)
- Blue (53%)



- Red (45%)
- Yellow (65%)
- Blue (71%)



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





- Cyan (55%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4702, 0.2928, 0.4018 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 38.4702, 0.2928, 0.4018 by changing the saturation by 10% instead.

 38.4702, 0.2928,
0.4018


 38.4702, 0.2928,
0.4018


339.6327, 0.3039,
0.3626

 26.3478, 0.2896,
0.4126


 72.8283, 0.2971,
0.3868

 17.0840, 0.2852,
0.4272


 95.8327, 0.2987,
0.3814

 10.2944, 0.2788,
0.4477


 123.2334, 0.2999,
0.3769

 5.5946, 0.2687,
0.4789

155.4146, 0.3010,
0.3731

 2.6002, 0.2507,
0.5310

192.7607, 0.3019,
0.3699

 0.9268, 0.1213,
0.8787

235.6562, 0.3027,

 0.0000, 0.0000,

0.3671

0.0000

284.4854, 0.3033,
0.3647

■ 38.4702, 0.2928,
0.4018

■ 38.4702, 0.2928,
0.4018

■ 37.0325, 0.2884,
0.4263

■ 40.1924, 0.2979,
0.3791

■ 35.8590, 0.2851,
0.4520

■ 42.2085, 0.3033,
0.3584

■ 34.9341, 0.2830,
0.4781


■ 44.5336, 0.3090,
0.3399


■ 34.2387, 0.2825,
0.5036


■ 47.1800, 0.3147,
0.3235


■ 33.7507, 0.2837,
0.5273


■ 50.1597, 0.3203,
0.3090

 33.4408, 0.2864,
0.5482

 53.4838, 0.3257,
0.2964

 33.3541, 0.2874,
0.5548

 57.1629, 0.3308,
0.2854

 60.2917, 0.3318,
0.2751

 61.0283, 0.3221,
0.2637

Harmonies

Analogous

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



38.4702, 0.3440, 0.4233



38.4702, 0.2928, 0.4018



38.4702, 0.2492, 0.3549

Triad

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



38.4702, 0.2928, 0.4018



38.4702, 0.2378, 0.2478



38.4702, 0.4108, 0.3417

Complementary

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



38.4702, 0.2928, 0.4018



24.6144, 0.3409, 0.2662

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.



38.4702, 0.3776, 0.3018



38.4702, 0.2928, 0.4018



38.4702, 0.2756, 0.2499

Square

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



38.4702, 0.2928, 0.4018



38.4702, 0.2197, 0.2656



38.4702, 0.3266, 0.2692



38.4702, 0.4145, 0.3819

Rectangle

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



38.4702, 0.2928, 0.4018



38.4702, 0.2297, 0.3198



38.4702, 0.3266, 0.2692



38.4702, 0.4027, 0.3280

Sweetspot

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



38.4718, 0.2928, 0.4018



77.7237, 0.3063, 0.3483



41.7723, 0.3470, 0.4246



16.6800, 0.3056, 0.3508



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.



38.4718, 0.2928, 0.4018



66.7330, 0.2891, 0.4219



39.5550, 0.2702, 0.3476



9.5332, 0.3074, 0.3449



23.0020, 0.2868, 0.5525



0.7346, 0.2702, 0.4926

Inverse Universe

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



24.6144, 0.3409, 0.2662



38.1788, 0.3496, 0.2522



23.6115, 0.3830, 0.3117



8.5997, 0.3184, 0.3136



7.7771, 0.4199, 0.2087



0.2547, 0.3862, 0.1901

Previews

White Background



This preview shows how the Yxy color 38.4702, 0.2928, 0.4018 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 38.4702, 0.2928, 0.4018 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 38.4702, 0.2928, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 38.4702, 0.2928, 0.4018.



This preview shows how white text looks on a background with the Yxy color 38.4702, 0.2928, 0.4018.

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

38.4702, 0.2928, 0.4018

Protanopia

38.2045, 0.3566, 0.3813

Deuteranopia

38.1411, 0.3615, 0.3547



Tritanopia

38.3386, 0.2638, 0.3082

Trichromacy



Original Color

38.4702, 0.2928, 0.4018

Protanomaly

37.6618, 0.3300, 0.3878

Deuteranomaly

37.6559, 0.3332, 0.3716

Tritanomaly

38.4464, 0.2743, 0.3412

Monochromacy



Original Color

38.4702, 0.2928, 0.4018

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.7429, 0.3042, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4702, 0.2928, 0.4018 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(115, 181, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 181, 136)  
}
```

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(115, 181, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 181, 136) }
```

Border

The CSS property to change the border of an element to Yxy 38.4702, 0.2928, 0.4018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

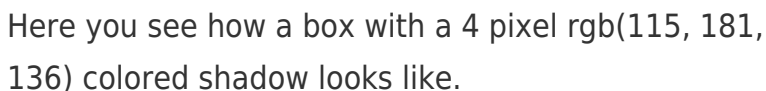
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 181, 136) }
```

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

```
.border{ border-color:rgb(115, 181, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 181, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 181, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 181, 136);  
box-shadow:4px 4px 4px 4px rgb(115, 181,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4702, 0.2928, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 181, 136) }
```

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

```
.background{ background-color: rgb(115,  
181, 136) }
```

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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