

Converting Colors

$Yxy(38.2060, 0.3000, 0.3909)$

Have a look what the booklet for
Yxy(38.2060, 0.3000, 0.3909)
contains.

Yxy(38.2169, 0.2999, 0.3907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.2169, 0.2999, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	7FB28B
RGB	127, 178, 139
RGB Percent	50%, 70%, 55%
CMY	0.5019, 0.3020, 0.4548
CMYK	0.29, 0.00, 0.22, 0.30
HSL	134°, 25%, 60%
HSV	134°, 29%, 70%
XYZ	29.3352, 38.2169, 30.2644
YIQ	158.3050, -17.8770, -22.9410

Conversions

Conversions Part 2

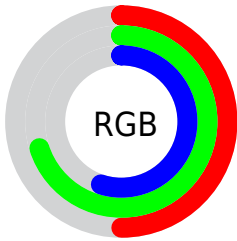
Format	Color
RYB	127, 168, 178
Decimal	8368779
CIELab	68.18, -24.95, 14.62
CIELCh	68, 28.913, 149.636
Yxy	38.2169, 0.2999, 0.3907
Android (android.graphics.Color)	4286558859 (0xFF7FB28B)
YUV	158.3050, -9.5174, -27.4545
Hunter-Lab	61.8198, -23.4816, 14.2479

Details

The Yxy color $38.2169, 0.2999, 0.3907$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $27.3991, 0.3288, 0.2744$, and the grayscale version is $34.3901, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.5196, 0.3026, 0.3777$, and $16.9250, 0.2947, 0.4116$ is the 20% darker color. If you saturate the color by 10%, you get $36.5968, 0.2959, 0.4168$, and if you desaturate by 10%, it is $40.1311, 0.3043, 0.3669$.

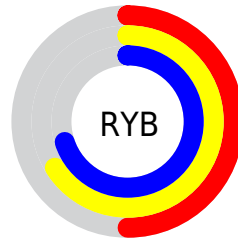
Distribution



Red (50%)

Green (70%)

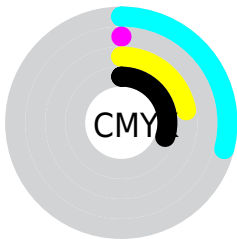
Blue (55%)



Red (50%)

Yellow (66%)

Blue (70%)

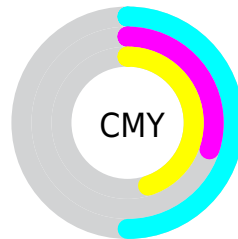


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (30%)



Cyan (50%)


Magenta (30%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2169, 0.2999, 0.3907 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 38.2169, 0.2999, 0.3907 by changing the saturation by 10% instead.


 38.2169, 0.2999,
0.3907


 38.2169, 0.2999,
0.3907

338.5495, 0.3071,
0.3576

 26.1511, 0.2978,
0.3998


 72.4405, 0.3027,
0.3781

 16.9367, 0.2949,
0.4119


 95.3670, 0.3037,
0.3735

 10.1894, 0.2906,
0.4290


 122.6826, 0.3046,
0.3698

 5.5247, 0.2837,
0.4549

154.7715, 0.3053,
0.3666

 2.5583, 0.2713,
0.4981

192.0183, 0.3058,
0.3638

 0.9057, 0.2175,
0.7825

234.8073, 0.3063,

 0.0000, 0.0000,

0.3615

0.0000

283.5229, 0.3068,
0.3594

■ 38.2169, 0.2999,
0.3907

■ 38.2169, 0.2999,
0.3907

■ 36.5968, 0.2959,
0.4168

■ 40.1311, 0.3043,
0.3669

■ 35.2516, 0.2924,
0.4446

■ 42.3482, 0.3088,
0.3455

■ 34.1670, 0.2899,
0.4733

■ 44.8825, 0.3133,
0.3266

■ 33.3257, 0.2885,
0.5017

■ 47.7457, 0.3177,
0.3100

■ 32.7080, 0.2885,
0.5284

■ 50.9492, 0.3219,
0.2955

■ 32.2911, 0.2899,
0.5519

■ 54.5038, 0.3259,
0.2829

■ 32.0367, 0.2923,
0.5709

■ 58.4198, 0.3296,
0.2719

■ 32.0077, 0.2925,
0.5731

■ 59.8706, 0.3217,
0.2600

■ 60.3210, 0.3163,
0.2536

Harmonies

Analogous

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



38.2169, 0.3428, 0.4068



38.2169, 0.2999, 0.3907



38.2169, 0.2622, 0.3539

Triad

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



38.2169, 0.2999, 0.3907



38.2169, 0.2480, 0.2613



38.2169, 0.3926, 0.3379

Complementary

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



38.2169, 0.2999, 0.3907



27.3991, 0.3288, 0.2744

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.



38.2169, 0.3637, 0.3040



38.2169, 0.2999, 0.3907



38.2169, 0.2790, 0.2614

Square

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



38.2169, 0.2999, 0.3907



38.2169, 0.2339, 0.2784



38.2169, 0.3212, 0.2768



38.2169, 0.3980, 0.3720

Rectangle

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



38.2169, 0.2999, 0.3907



38.2169, 0.2446, 0.3252



38.2169, 0.3212, 0.2768



38.2169, 0.3852, 0.3262

Sweetspot

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



38.2185, 0.2999, 0.3907



76.5770, 0.3086, 0.3465



41.4916, 0.3440, 0.4020



16.8302, 0.3079, 0.3495



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.



38.2185, 0.2999, 0.3907



67.4971, 0.2974, 0.4059



39.0487, 0.2813, 0.3497



9.5218, 0.3085, 0.3469



22.9101, 0.2920, 0.5714



0.7300, 0.2767, 0.5162

Inverse Universe

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



27.3991, 0.3288, 0.2744



44.8244, 0.3330, 0.2629



26.5578, 0.3580, 0.3094



8.6118, 0.3172, 0.3118



8.0556, 0.3900, 0.1922



0.2618, 0.3671, 0.1796

Previews

White Background



This preview shows how the Yxy color 38.2169, 0.2999, 0.3907 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 38.2169, 0.2999, 0.3907 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 38.2169, 0.2999, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 38.2169, 0.2999, 0.3907.



This preview shows how white text looks on a background with the Yxy color 38.2169, 0.2999, 0.3907.

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

38.2169, 0.2999, 0.3907

Protanopia

37.8338, 0.3523, 0.3744

Deuteranopia

37.7266, 0.3588, 0.3508



Tritanopia

38.2421, 0.2728, 0.3099

Trichromacy



Original Color

38.2169, 0.2999, 0.3907

Protanomaly

37.7678, 0.3315, 0.3811

Deuteranomaly

37.4409, 0.3348, 0.3639

Tritanomaly

38.0858, 0.2829, 0.3380

Monochromacy



Original Color

38.2169, 0.2999, 0.3907

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.3477, 0.3080, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2169, 0.2999, 0.3907 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(127, 178, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 178, 139)  
}
```

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(127, 178, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.2169, 0.2999, 0.3907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

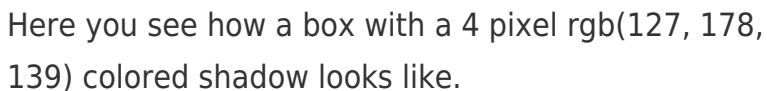
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 178, 139) }
```

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

```
.border{ border-color:rgb(127, 178, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 178, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 178, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 178, 139); box-shadow:4px 4px 4px 4px rgb(127, 178, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2169, 0.2999, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 178, 139) }
```

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

```
.background{ background-color: rgb(127,  
178, 139) }
```

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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