

Converting Colors

Yxy(38.9234, 0.3076, 0.4162)

Have a look what the booklet for
Yxy(38.9234, 0.3076, 0.4162)
contains.

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Color

Yxy(38.9141, 0.3078, 0.4167)

Conversions

Conversions Part 1

Format	Color
Hex	7DB57E
RGB	125, 181, 126
RGB Percent	49%, 71%, 49%
CMY	0.5099, 0.2902, 0.5060
CMYK	0.31, 0.00, 0.30, 0.29
HSL	121°, 27%, 60%
HSV	121°, 31%, 71%
XYZ	28.7443, 38.9141, 25.7279
YIQ	157.9860, -15.7210, -28.9770

Conversions

Conversions Part 2

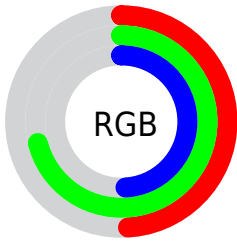
Format	Color
RYB	125, 180, 181
Decimal	8238462
CIELab	68.69, -29.42, 22.37
CIELCh	69, 36.962, 142.755
Yxy	38.9141, 0.3078, 0.4167
Android (android.graphics.Color)	4286428542 (0xFF7DB57E)
YUV	157.9860, -15.7691, -28.9287
Hunter-Lab	62.3812, -26.9169, 19.2138

Details

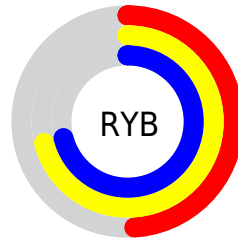
The Yxy color **38.9141, 0.3078, 0.4167** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.7836, 0.3173, 0.2546**, and the grayscale version is **34.2621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4068, 0.3095, 0.3985**, and **17.4160, 0.3051, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **37.2567, 0.3060, 0.4508**, and if you desaturate by 10%, it is **40.9046, 0.3095, 0.3850**.

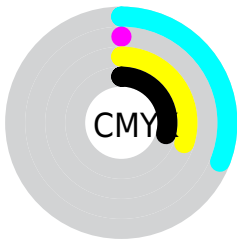
Distribution



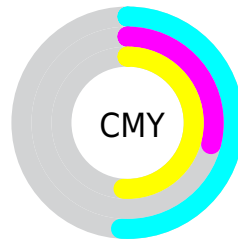
- Red (49%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9141, 0.3078, 0.4167 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 38.9141, 0.3078, 0.4167 by changing the saturation by 10% instead.

 38.9141, 0.3078,
0.4167


 38.9141, 0.3078,
0.4167


341.5251, 0.3115,
0.3694


 26.6929, 0.3064,
0.4297


 73.5071, 0.3095,
0.3986

 17.3427, 0.3041,
0.4471


 96.6476, 0.3100,
0.3921

 10.4791, 0.3005,
0.4716


 124.1968, 0.3104,
0.3867

 5.7178, 0.2938,
0.5083

156.5389, 0.3108,
0.3822

 2.6742, 0.2814,
0.5714

194.0584, 0.3110,
0.3783

 0.9641, 0.1689,
0.8311

237.1397, 0.3112,

 0.0000, 0.0000,

0.3749

0.0000

286.1672, 0.3114,
0.3720

■ 38.9141, 0.3078,
0.4167

■ 38.9141, 0.3078,
0.4167

■ 37.2567, 0.3060,
0.4508

■ 40.9046, 0.3095,
0.3850

■ 35.9096, 0.3043,
0.4858

■ 43.2397, 0.3111,
0.3565

■ 34.8550, 0.3026,
0.5199


■ 45.9365, 0.3126,
0.3312

■ 34.0712, 0.3013,
0.5502


■ 49.0094, 0.3139,
0.3093


■ 33.5335, 0.3004,
0.5744


■ 52.4720, 0.3150,
0.2903

 33.2127, 0.2999,
0.5907

 56.3374, 0.3161,
0.2740

 33.0582, 0.2997,
0.5988

 60.6179, 0.3169,
0.2600

 61.5311, 0.3161,
0.2566

Harmonies

Analogous

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



38.9141, 0.3613, 0.4285



38.9141, 0.3078, 0.4167



38.9141, 0.2582, 0.3732

Triad

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



38.9141, 0.3078, 0.4167



38.9141, 0.2260, 0.2471



38.9141, 0.4084, 0.3288

Complementary

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



38.9141, 0.3078, 0.4167



27.7836, 0.3173, 0.2546

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.



38.9141, 0.3657, 0.2888



38.9141, 0.3078, 0.4167



38.9141, 0.2595, 0.2433

Square

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



38.9141, 0.3078, 0.4167



38.9141, 0.2139, 0.2721



38.9141, 0.3100, 0.2585



38.9141, 0.4223, 0.3717

Rectangle

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



38.9141, 0.3078, 0.4167



38.9141, 0.2337, 0.3358



38.9141, 0.3100, 0.2585



38.9141, 0.3968, 0.3148

Sweetspot

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



38.9157, 0.3078, 0.4167



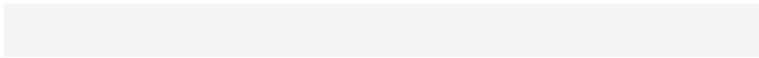
78.2548, 0.3114, 0.3517



44.2436, 0.3578, 0.4052



16.7717, 0.3112, 0.3555



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.



38.9157, 0.3078, 0.4167



67.6459, 0.3066, 0.4392



39.7406, 0.2876, 0.3709



9.4925, 0.3114, 0.3521



22.7884, 0.2996, 0.5986



0.7178, 0.2979, 0.5926

Inverse Universe

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



27.7836, 0.3173, 0.2546



44.5970, 0.3183, 0.2390



26.7569, 0.3484, 0.2908



8.6441, 0.3140, 0.3070



8.9832, 0.3253, 0.1566



0.2835, 0.3240, 0.1559

Previews

White Background



This preview shows how the Yxy color 38.9141, 0.3078, 0.4167 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 38.9141, 0.3078, 0.4167 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 38.9141, 0.3078, 0.4167

Background



This preview shows how black text looks on a background with the Yxy color 38.9141, 0.3078, 0.4167.



This preview shows how white text looks on a background with the Yxy color 38.9141, 0.3078, 0.4167.

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

38.9141, 0.3078, 0.4167

Protanopia

38.6968, 0.3674, 0.3946

Deuteranopia

38.3554, 0.3763, 0.3691



Tritanopia

38.7092, 0.2715, 0.3085

Trichromacy



Original Color

38.9141, 0.3078, 0.4167

Protanomaly

38.3838, 0.3440, 0.4030

Deuteranomaly

38.1363, 0.3490, 0.3853

Tritanomaly

38.6728, 0.2845, 0.3456

Monochromacy



Original Color

38.9141, 0.3078, 0.4167

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.4588, 0.3113, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9141, 0.3078, 0.4167 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.9141, 0.3078, 0.4167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

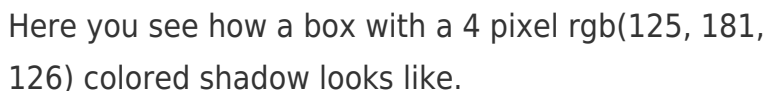
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 181, 126) }
```

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

```
.border{ border-color:rgb(125, 181, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 181, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 181, 126); box-shadow:4px 4px 4px 4px rgb(125, 181, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9141, 0.3078, 0.4167 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, 126) }
```

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

```
.background{ background-color: rgb(125,  
181, 126) }
```

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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