

Converting Colors

$Yxy(38.3366, 0.3240, 0.4014)$

Have a look what the booklet for
Yxy(38.3366, 0.3240, 0.4014)
contains.

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Color

Yxy(38.2382, 0.3242, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	91AF80
RGB	145, 175, 128
RGB Percent	57%, 69%, 50%
CMY	0.4315, 0.3137, 0.4981
CMYK	0.17, 0.00, 0.27, 0.31
HSL	98°, 23%, 59%
HSV	98°, 27%, 69%
XYZ	30.8994, 38.2382, 26.1720
YIQ	160.6720, -2.7930, -20.9770

Conversions

Conversions Part 2

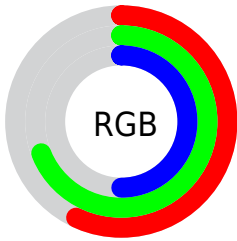
Format	Color
RYB	128, 175, 158
Decimal	9547648
CIELab	68.20, -19.11, 20.81
CIElCh	68, 28.256, 132.561
Yxy	38.2382, 0.3242, 0.4012
Android (android.graphics.Color)	4287737728 (0xFF91AF80)
YUV	160.6720, -16.1073, -13.7443
Hunter-Lab	61.8370, -19.0201, 18.1919

Details

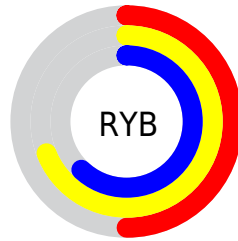
The Yxy color **38.2382, 0.3242, 0.4012** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.8051, 0.2976, 0.2597**, and the grayscale version is **35.5559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6301, 0.3223, 0.3871**, and **16.8488, 0.3272, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **36.8520, 0.3277, 0.4317**, and if you desaturate by 10%, it is **39.8072, 0.3201, 0.3724**.

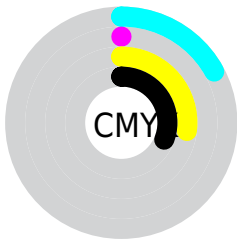
Distribution



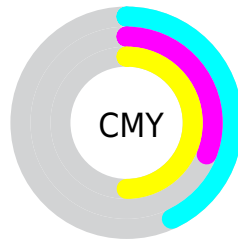
- Red (57%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)




- Cyan (43%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2382, 0.3242, 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 38.2382, 0.3242, 0.4012 by changing the saturation by 10% instead.


 38.2382, 0.3242,
0.4012


 38.2382, 0.3242,
0.4012


338.6407, 0.3190,
0.3626


 26.1676, 0.3252,
0.4117


 72.4731, 0.3225,
0.3866

 16.9491, 0.3263,
0.4256


 95.4062, 0.3218,
0.3813

 10.1982, 0.3274,
0.4450

 122.7289, 0.3212,
0.3769

 5.5306, 0.3280,
0.4739

154.8256, 0.3207,
0.3731

 2.5618, 0.3272,
0.5222

192.0808, 0.3202,
0.3699

 0.9075, 0.3037,
0.6963

234.8788, 0.3197,

 0.0000, 0.0000,

0.3672

0.0000

283.6039, 0.3194,
0.3648

■ 38.2382, 0.3242,
0.4012

■ 38.2382, 0.3242,
0.4012

■ 36.8520, 0.3277,
0.4317

■ 39.8072, 0.3201,
0.3724

■ 35.6366, 0.3303,
0.4631

■ 41.5605, 0.3158,
0.3458

■ 34.5864, 0.3318,
0.4940

■ 43.5061, 0.3113,
0.3217

■ 33.6931, 0.3317,
0.5228

■ 45.6497, 0.3069,
0.3001

■ 32.9479, 0.3299,
0.5476

■ 47.9971, 0.3027,
0.2809

■ 32.3409, 0.3265,
0.5671

■ 50.5535, 0.2986,
0.2639

■ 31.8591, 0.3217,
0.5804

■ 53.3243, 0.2948,
0.2488

■ 31.7275, 0.3202,
0.5840

■ 55.4483, 0.3002,
0.2468

■ 57.4056, 0.3090,
0.2490

Harmonies

Analogous

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



38.2382, 0.3639, 0.4030



38.2382, 0.3242, 0.4012



38.2382, 0.2831, 0.3755

Triad

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



38.2382, 0.3242, 0.4012



38.2382, 0.2393, 0.2702



38.2382, 0.3770, 0.3184

Complementary

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



38.2382, 0.3242, 0.4012



25.8051, 0.2976, 0.2597

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.



38.2382, 0.3397, 0.2883



38.2382, 0.3242, 0.4012



38.2382, 0.2607, 0.2608

Square

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



38.2382, 0.3242, 0.4012



38.2382, 0.2360, 0.2964



38.2382, 0.2967, 0.2677



38.2382, 0.3961, 0.3526

Rectangle

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



38.2382, 0.3242, 0.4012



38.2382, 0.2604, 0.3493



38.2382, 0.2967, 0.2677



38.2382, 0.3661, 0.3076

Sweetspot

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



38.2399, 0.3242, 0.4012



74.0042, 0.3163, 0.3491



35.0495, 0.3584, 0.3720



16.3411, 0.3170, 0.3529



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.2399, 0.3242, 0.4012



67.0244, 0.3263, 0.4184



36.9816, 0.3044, 0.3942



9.0748, 0.3168, 0.3521



22.7500, 0.3210, 0.5834



0.6643, 0.3467, 0.5629

Inverse Universe

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



25.8051, 0.2976, 0.2597



41.1417, 0.2935, 0.2440



27.4072, 0.3224, 0.2715



8.0013, 0.3082, 0.3063



4.7099, 0.2332, 0.1059



0.1604, 0.2605, 0.1209

Previews

White Background



This preview shows how the Yxy color 38.2382, 0.3242, 0.4012 looks on a white background.

Color Contrast Check

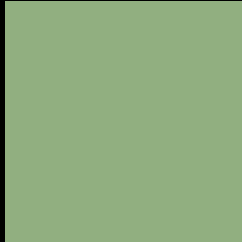
Large Text (above 18pt) WCAG AA × Fail

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 38.2382, 0.3242, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

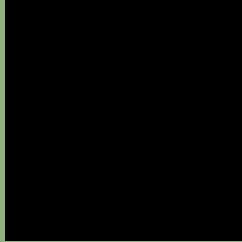
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2382, 0.3242, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 38.2382, 0.3242, 0.4012.



This preview shows how white text looks on a background with the Yxy color 38.2382, 0.3242, 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

38.2382, 0.3242, 0.4012

Protanopia

38.1926, 0.3622, 0.3882

Deuteranopia

37.9043, 0.3747, 0.3666



Tritanopia

38.1138, 0.2889, 0.3104

Trichromacy



Original Color

38.2382, 0.3242, 0.4012

Protanomaly

37.9636, 0.3482, 0.3933

Deuteranomaly

37.7521, 0.3550, 0.3787

Tritanomaly

38.2185, 0.3015, 0.3423

Monochromacy



Original Color

38.2382, 0.3242, 0.4012

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.4109, 0.3171, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2382, 0.3242, 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(145, 175, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 128)  
}
```

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(145, 175, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 128) }
```

Border

The CSS property to change the border of an element to Yxy 38.2382, 0.3242, 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(145, 175, 128) }
```

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

```
.border{ border-color:rgb(145, 175, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2382, 0.3242, 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(145, 175, 128) }
```

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

```
.background{ background-color: rgb(145,  
175, 128) }
```

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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