

Converting Colors

$Yxy(38.2141, 0.3114, 0.3750)$

Have a look what the booklet for
Yxy(38.2141, 0.3114, 0.3750)
contains.

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Color

Yxy(38.3055, 0.3115, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	91AE90
RGB	145, 174, 144
RGB Percent	57%, 68%, 56%
CMY	0.4312, 0.3177, 0.4353
CMYK	0.17, 0.00, 0.17, 0.32
HSL	118°, 16%, 62%
HSV	118°, 17%, 68%
XYZ	31.8531, 38.3055, 32.0985
YIQ	161.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

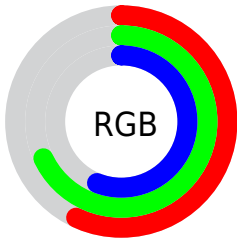
Format	Color
RYB	144, 174, 173
Decimal	9547408
CIELab	68.25, -15.82, 12.14
CIELCh	68, 19.945, 142.499
Yxy	38.3055, 0.3115, 0.3746
Android (android.graphics.Color)	4287737488 (0xFF91AE90)
YUV	161.9090, -8.8291, -14.8292
Hunter-Lab	61.8914, -16.4431, 12.5747

Details

The Yxy color **38.3055, 0.3115, 0.3746** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8788, 0.3136, 0.2870**, and the grayscale version is **36.1357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8130, 0.3117, 0.3658**, and **17.1069, 0.3099, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **36.4006, 0.3105, 0.4054**, and if you desaturate by 10%, it is **40.5211, 0.3123, 0.3470**.

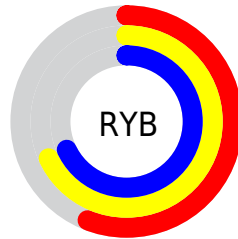
Distribution



Red (57%)

Green (68%)

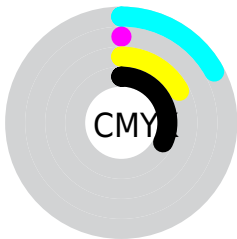
Blue (56%)



Red (56%)

Yellow (68%)

Blue (68%)

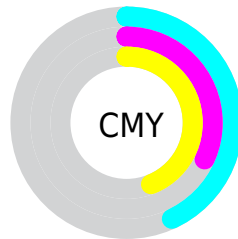


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (43%)


Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3055, 0.3115, 0.3746 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 38.3055, 0.3115, 0.3746 by changing the saturation by 10% instead.


 38.3055, 0.3115,
0.3746


 38.3055, 0.3115,
0.3746


338.9287, 0.3125,
0.3504

 26.2199, 0.3111,
0.3811


 72.5761, 0.3119,
0.3655

 16.9882, 0.3106,
0.3898


 95.5300, 0.3121,
0.3621

 10.2261, 0.3096,
0.4020


122.8753, 0.3122,
0.3594

 5.5491, 0.3079,
0.4201

154.9966, 0.3123,
0.3570

 2.5729, 0.3044,
0.4500

192.2781, 0.3123,
0.3550

 0.9131, 0.3127,
0.5931

235.1044, 0.3124,

 0.0000, 0.0000,

0.3533

0.0000

283.8598, 0.3124,
0.3518

■ 38.3055, 0.3115,
0.3746

■ 38.3055, 0.3115,
0.3746

■ 36.4006, 0.3105,
0.4054

■ 40.5211, 0.3123,
0.3470

■ 34.7879, 0.3094,
0.4389

■ 43.0552, 0.3129,
0.3226

■ 33.4545, 0.3080,
0.4739

■ 45.9215, 0.3133,
0.3014

■ 32.3844, 0.3065,
0.5086

■ 49.1314, 0.3137,
0.2831

■ 31.5602, 0.3049,
0.5405

■ 52.6958, 0.3139,
0.2674

■ 30.9624, 0.3033,
0.5671

■ 56.6250, 0.3141,
0.2539

■ 30.5684, 0.3019,
0.5861

■ 58.7495, 0.3164,
0.2498

■ 30.3494, 0.3009,
0.5970

■ 30.3088, 0.3008,
0.5994

Harmonies

Analogous

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



38.3055, 0.3408, 0.3822



38.3055, 0.3115, 0.3746



38.3055, 0.2834, 0.3528

Triad

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



38.3055, 0.3115, 0.3746



38.3055, 0.2637, 0.2835



38.3055, 0.3641, 0.3302

Complementary

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



38.3055, 0.3115, 0.3746



31.8788, 0.3136, 0.2870

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.



38.3055, 0.3415, 0.3065



38.3055, 0.3115, 0.3746



38.3055, 0.2834, 0.2801

Square

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



38.3055, 0.3115, 0.3746



38.3055, 0.2567, 0.2991



38.3055, 0.3117, 0.2886



38.3055, 0.3721, 0.3547

Rectangle

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



38.3055, 0.3115, 0.3746



38.3055, 0.2690, 0.3340



38.3055, 0.3117, 0.2886



38.3055, 0.3579, 0.3219

Sweetspot

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



38.3071, 0.3115, 0.3746



74.4471, 0.3124, 0.3414



40.7046, 0.3384, 0.3690



16.4792, 0.3124, 0.3432



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.



38.3071, 0.3115, 0.3746



67.9964, 0.3111, 0.3870



38.6497, 0.2999, 0.3537



8.9522, 0.3121, 0.3524



21.9906, 0.3010, 0.5992



0.6160, 0.3052, 0.5959

Inverse Universe

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



31.8788, 0.3136, 0.2870



53.9525, 0.3138, 0.2767



31.4988, 0.3280, 0.3055



8.1336, 0.3132, 0.3066



8.2522, 0.3123, 0.1494



0.2339, 0.3151, 0.1509

Previews

White Background



This preview shows how the Yxy color 38.3055, 0.3115, 0.3746 looks on a white background.

Color Contrast Check

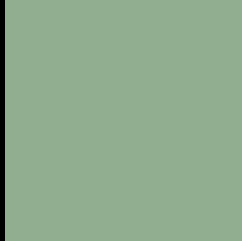
Large Text (above 18pt) WCAG AA × Fail

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 38.3055, 0.3115, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

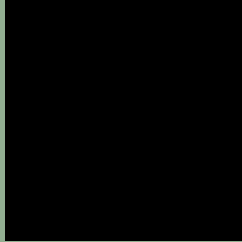
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3055, 0.3115, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 38.3055, 0.3115, 0.3746.



This preview shows how white text looks on a background with the Yxy color 38.3055, 0.3115, 0.3746.

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

38.3055, 0.3115, 0.3746

Protanopia

38.2798, 0.3445, 0.3659

Deuteranopia

38.0670, 0.3536, 0.3467



Tritanopia

38.3326, 0.2866, 0.3103

Trichromacy



Original Color

38.3055, 0.3115, 0.3746

Protanomaly

38.1915, 0.3322, 0.3699

Deuteranomaly

37.8698, 0.3373, 0.3561

Tritanomaly

38.3425, 0.2958, 0.3334

Monochromacy



Original Color

38.3055, 0.3115, 0.3746

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.7069, 0.3129, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3055, 0.3115, 0.3746 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, 174, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 174, 144)  
}
```

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, 174, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 174, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.3055, 0.3115, 0.3746 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, 174, 144) }
```

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

```
.border{ border-color:rgb(145, 174, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 174, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 174, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 174, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 174,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3055, 0.3115, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 174, 144) }
```

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

```
.background{ background-color: rgb(145,  
174, 144) }
```

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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