

Converting Colors

$Yxy(38.7485, 0.3209, 0.3673)$

Have a look what the booklet for
Yxy(38.7485, 0.3209, 0.3673)
contains.

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Color

Yxy(38.7485, 0.3209, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	9DAC92
RGB	157, 172, 146
RGB Percent	62%, 67%, 57%
CMY	0.3841, 0.3255, 0.4274
CMYK	0.09, 0.00, 0.15, 0.33
HSL	95°, 14%, 62%
HSV	95°, 15%, 67%
XYZ	33.8535, 38.7485, 32.8935
YIQ	164.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

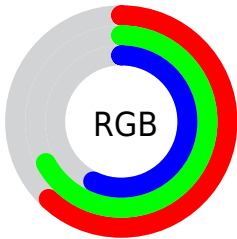
Format	Color
RYB	146, 172, 161
Decimal	10333330
CIELab	68.57, -10.09, 11.61
CIELCh	69, 15.385, 131.006
Yxy	38.7485, 0.3209, 0.3673
Android (android.graphics.Color)	4288523410 (0xFF9DAC92)
YUV	164.5510, -9.1456, -6.6222
Hunter-Lab	62.2483, -11.8579, 12.2435

Details

The Yxy color **38.7485, 0.3209, 0.3673** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1116, 0.3034, 0.2912**, and the grayscale version is **37.4503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1053, 0.3197, 0.3593**, and **17.3233, 0.3240, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **37.2992, 0.3261, 0.3954**, and if you desaturate by 10%, it is **40.3623, 0.3155, 0.3414**.

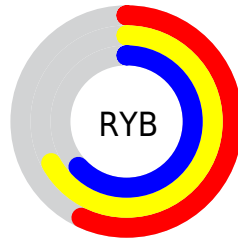
Distribution



Red (62%)

Green (67%)

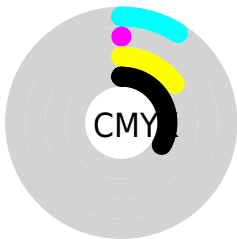
Blue (57%)



Red (57%)

Yellow (67%)

Blue (63%)

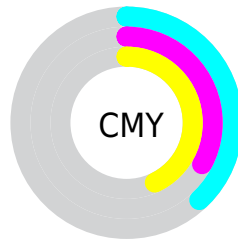


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7485, 0.3209, 0.3673 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 38.7485, 0.3209, 0.3673 by changing the saturation by 10% instead.

 38.7485, 0.3209,
0.3673


 38.7485, 0.3209,
0.3673


340.8200, 0.3169,
0.3472

 26.5641, 0.3219,
0.3727


 73.2540, 0.3195,
0.3597

 17.2461, 0.3231,
0.3798


 96.3438, 0.3189,
0.3570

 10.4101, 0.3246,
0.3896


123.8377, 0.3184,
0.3547

 5.6717, 0.3267,
0.4041

156.1199, 0.3180,
0.3527

 2.6465, 0.3293,
0.4276

193.5748, 0.3177,
0.3510

 0.9501, 0.3587,
0.5202

236.5869, 0.3174,

 0.0000, 0.0000,

0.3496

0.0000

285.5405, 0.3171,
0.3483

■ 38.7485, 0.3209,
0.3673

■ 38.7485, 0.3209,
0.3673

■ 37.2992, 0.3261,
0.3954

■ 40.3623, 0.3155,
0.3414

■ 36.0038, 0.3307,
0.4250

■ 42.1406, 0.3101,
0.3177

■ 34.8582, 0.3345,
0.4555

■ 44.0902, 0.3047,
0.2965

■ 33.8561, 0.3371,
0.4856

■ 46.2157, 0.2996,
0.2774

■ 32.9908, 0.3381,
0.5139

■ 48.5216, 0.2948,
0.2605

■ 32.2549, 0.3372,
0.5387

■ 51.0124, 0.2903,
0.2455

■ 31.6400, 0.3344,
0.5586

■ 52.9357, 0.2939,
0.2421

■ 31.1364, 0.3298,
0.5726

■ 54.5837, 0.3016,
0.2441

■ 30.9211, 0.3274,
0.5783

■ 56.3254, 0.3094,
0.2461

Harmonies

Analogous

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



38.7485, 0.3421, 0.3687



38.7485, 0.3209, 0.3673



38.7485, 0.2981, 0.3544

Triad

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



38.7485, 0.3209, 0.3673



38.7485, 0.2714, 0.2976



38.7485, 0.3465, 0.3228

Complementary

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



38.7485, 0.3209, 0.3673



31.1116, 0.3034, 0.2912

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.



38.7485, 0.3265, 0.3055



38.7485, 0.3209, 0.3673



38.7485, 0.2833, 0.2909

Square

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



38.7485, 0.3209, 0.3673



38.7485, 0.2701, 0.3131



38.7485, 0.3033, 0.2940



38.7485, 0.3573, 0.3422

Rectangle

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



38.7485, 0.3209, 0.3673



38.7485, 0.2850, 0.3413



38.7485, 0.3033, 0.2940



38.7485, 0.3406, 0.3166

Sweetspot

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



38.7502, 0.3209, 0.3673



73.2372, 0.3155, 0.3413



36.2417, 0.3372, 0.3502



15.8709, 0.3159, 0.3430



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.7502, 0.3209, 0.3673



69.4291, 0.3226, 0.3761



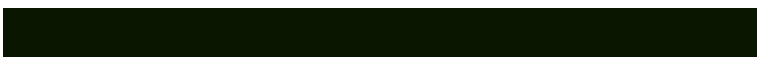
37.7433, 0.3095, 0.3658



9.0995, 0.3178, 0.3520



23.0444, 0.3281, 0.5777



0.6737, 0.3537, 0.5574

Inverse Universe

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



31.1116, 0.3034, 0.2912



52.9871, 0.3011, 0.2826



32.2431, 0.3161, 0.2948



7.9760, 0.3072, 0.3062



4.2195, 0.2192, 0.0981



0.1487, 0.2501, 0.1152

Previews

White Background



This preview shows how the Yxy color 38.7485, 0.3209, 0.3673 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 38.7485, 0.3209, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

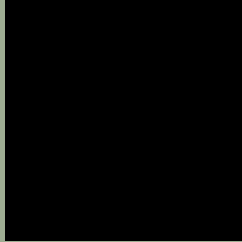
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

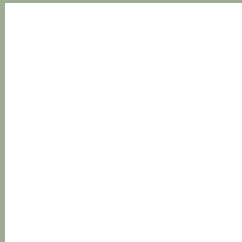
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7485, 0.3209, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 38.7485, 0.3209, 0.3673.



This preview shows how white text looks on a background with the Yxy color 38.7485, 0.3209, 0.3673.

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

38.7485, 0.3209, 0.3673

Protanopia

38.7346, 0.3416, 0.3629

Deuteranopia

38.5750, 0.3534, 0.3466



Tritanopia

38.6141, 0.2974, 0.3108

Trichromacy



Original Color

38.7485, 0.3209, 0.3673

Protanomaly

38.7144, 0.3334, 0.3650

Deuteranomaly

38.4818, 0.3413, 0.3542

Tritanomaly

38.6767, 0.3054, 0.3304

Monochromacy



Original Color

38.7485, 0.3209, 0.3673

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1553, 0.3157, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7485, 0.3209, 0.3673 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(157, 172, 146)` looks like.

```
.text, #text, p{  
  color:rgb(157, 172, 146)  
}
```

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(157, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 172, 146) }
```

Border

The CSS property to change the border of an element to Yxy 38.7485, 0.3209, 0.3673 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(157, 172, 146) }
```

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

```
.border{ border-color:rgb(157, 172, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 172, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(157, 172,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7485, 0.3209, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 172, 146) }
```

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

```
.background{ background-color: rgb(157,  
172, 146) }
```

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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