

Converting Colors

Yxy(38.1626, 0.3238, 0.3637)

Have a look what the booklet for
Yxy(38.1626, 0.3238, 0.3637)
contains.

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Color

Yxy(38.2984, 0.3239, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	A0AA92
RGB	160, 170, 146
RGB Percent	63%, 67%, 57%
CMY	0.3726, 0.3333, 0.4274
CMYK	0.06, 0.00, 0.14, 0.33
HSL	85°, 12%, 62%
HSV	85°, 14%, 67%
XYZ	34.0605, 38.2984, 32.7987
YIQ	164.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

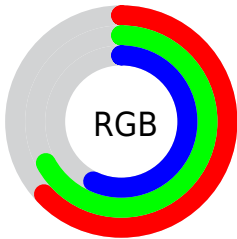
Format	Color
RYB	146, 170, 156
Decimal	10529426
CIELab	68.24, -7.96, 11.17
CIELCh	68, 13.716, 125.458
Yxy	38.2984, 0.3239, 0.3642
Android (android.graphics.Color)	4288719506 (0xFFA0AA92)
YUV	164.2740, -9.0091, -3.7483
Hunter-Lab	61.8857, -10.0574, 11.8970

Details

The Yxy color **38.2984, 0.3239, 0.3642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5370, 0.3003, 0.2934**, and the grayscale version is **37.3058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4676, 0.3220, 0.3569**, and **16.9712, 0.3271, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **37.0992, 0.3317, 0.3912**, and if you desaturate by 10%, it is **39.6214, 0.3160, 0.3389**.

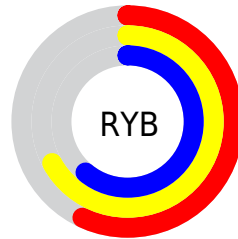
Distribution



Red (63%)

Green (67%)

Blue (57%)



Red (57%)

Yellow (67%)

Blue (61%)

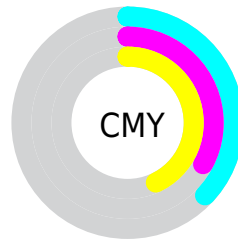


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2984, 0.3239, 0.3642 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 38.2984, 0.3239, 0.3642 by changing the saturation by 10% instead.


 38.2984, 0.3239,
0.3642


 38.2984, 0.3239,
0.3642


338.8983, 0.3183,
0.3457

 26.2144, 0.3253,
0.3691


 72.5653, 0.3219,
0.3573

 16.9841, 0.3271,
0.3756

 95.5169, 0.3211,
0.3547

 10.2231, 0.3295,
0.3846


122.8599, 0.3204,
0.3526

 5.5472, 0.3328,
0.3979

154.9785, 0.3199,
0.3508

 2.5717, 0.3375,
0.4193

192.2573, 0.3194,
0.3493

 0.9125, 0.3743,
0.5077

235.0806, 0.3190,

 0.0000, 0.0000,

0.3479

0.0000

283.8328, 0.3186,
0.3468

■ 38.2984, 0.3239,
0.3642

■ 38.2984, 0.3239,
0.3642

■ 37.0992, 0.3317,
0.3912

■ 39.6214, 0.3160,
0.3389

■ 36.0146, 0.3391,
0.4193

■ 41.0670, 0.3081,
0.3155

■ 35.0418, 0.3456,
0.4478

■ 42.6407, 0.3006,
0.2941

■ 34.1761, 0.3508,
0.4756

■ 44.3460, 0.2934,
0.2748

■ 33.4123, 0.3542,
0.5014

■ 46.1863, 0.2866,
0.2574

■ 32.7447, 0.3556,
0.5239

■ 48.1648, 0.2803,
0.2418

■ 32.1667, 0.3546,
0.5420

■ 49.6223, 0.2810,
0.2367

■ 31.6707, 0.3514,
0.5550

■ 50.6846, 0.2865,
0.2381

■ 31.4071, 0.3489,
0.5612

■ 51.7937, 0.2920,
0.2396

Harmonies

Analogous

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



38.2984, 0.3419, 0.3636



38.2984, 0.3239, 0.3642



38.2984, 0.3033, 0.3544

Triad

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



38.2984, 0.3239, 0.3642



38.2984, 0.2746, 0.3030



38.2984, 0.3401, 0.3204

Complementary

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



38.2984, 0.3239, 0.3642



30.5370, 0.3003, 0.2934

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.



38.2984, 0.3213, 0.3054



38.2984, 0.3239, 0.3642



38.2984, 0.2837, 0.2953

Square

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



38.2984, 0.3239, 0.3642



38.2984, 0.2753, 0.3182



38.2984, 0.3006, 0.2964



38.2984, 0.3516, 0.3378

Rectangle

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



38.2984, 0.3239, 0.3642



38.2984, 0.2909, 0.3434



38.2984, 0.3006, 0.2964



38.2984, 0.3344, 0.3149

Sweetspot

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



38.3001, 0.3239, 0.3642



71.8938, 0.3159, 0.3388



34.4038, 0.3361, 0.3436



15.9914, 0.3165, 0.3406



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.



38.3001, 0.3239, 0.3642



68.7670, 0.3264, 0.3727



37.1246, 0.3128, 0.3654



8.6155, 0.3201, 0.3517



23.1354, 0.3496, 0.5606



0.5919, 0.3730, 0.5420

Inverse Universe

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



30.5370, 0.3003, 0.2934



51.8652, 0.2971, 0.2847



31.7917, 0.3123, 0.2947



7.4478, 0.3049, 0.3061



3.1501, 0.1890, 0.0815



0.1069, 0.2291, 0.1036

Previews

White Background



This preview shows how the Yxy color 38.2984, 0.3239, 0.3642 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 38.2984, 0.3239, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

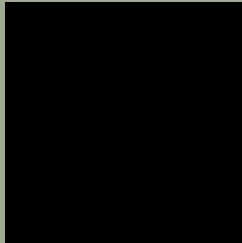
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

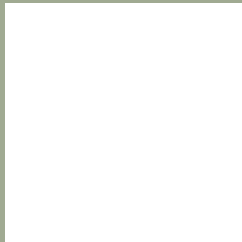
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2984, 0.3239, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 38.2984, 0.3239, 0.3642.



This preview shows how white text looks on a background with the Yxy color 38.2984, 0.3239, 0.3642.

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

38.2984, 0.3239, 0.3642

Protanopia

38.2847, 0.3399, 0.3602

Deuteranopia

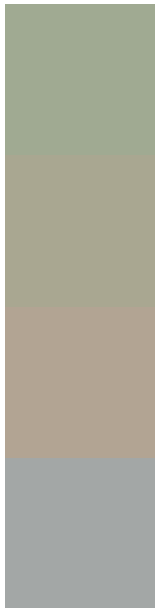
38.0985, 0.3526, 0.3453



Tritanopia

38.1240, 0.3017, 0.3108

Trichromacy



Original Color

38.2984, 0.3239, 0.3642

Protanomaly

38.1168, 0.3339, 0.3606

Deuteranomaly

38.1225, 0.3416, 0.3528

Tritanomaly

38.1771, 0.3099, 0.3304

Monochromacy



Original Color

38.2984, 0.3239, 0.3642

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4933, 0.3177, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2984, 0.3239, 0.3642 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(160, 170, 146)` looks like.

```
.text, #text, p{  
    color:rgb(160, 170, 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(160, 170, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 170, 146) }
```

Border

The CSS property to change the border of an element to Yxy 38.2984, 0.3239, 0.3642 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(160, 170, 146) }
```

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

```
.border{ border-color:rgb(160, 170, 146) }
```

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

Here you see how a box with a 4 pixel rgb(160, 170, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 170, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 170, 146);  
box-shadow:4px 4px 4px 4px rgb(160, 170,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2984, 0.3239, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 170, 146) }
```

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

```
.background{ background-color: rgb(160,  
170, 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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