

Converting Colors

$Yxy(38.5068, 0.3414, 0.3568)$

Have a look what the booklet for
Yxy(38.5068, 0.3414, 0.3568)
contains.

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Color

Yxy(38.6949, 0.3410, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	B1A692
RGB	177, 166, 146
RGB Percent	69%, 65%, 57%
CMY	0.3060, 0.3490, 0.4275
CMYK	0.00, 0.06, 0.18, 0.31
HSL	39°, 17%, 63%
HSV	39°, 18%, 69%
XYZ	36.9503, 38.6949, 32.7135
YIQ	167.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

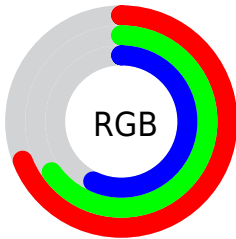
Format	Color
R _Y B	163, 177, 146
Decimal	11642514
CIE Lab	68.53, 0.57, 11.79
CIE LCh	69, 11.802, 87.246
Yxy	38.6949, 0.3410, 0.3571
Android (android.graphics.Color)	4289832594 (0xFFB1A692)
YUV	167.0090, -10.3574, 8.7621
Hunter-Lab	62.2052, -2.8289, 12.3633

Details

The Yxy color **38.6949, 0.3410, 0.3571** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3808, 0.2854, 0.2992**, and the grayscale version is **38.6938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2067, 0.3357, 0.3516**, and **17.1459, 0.3502, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **35.9672, 0.3594, 0.3739**, and if you desaturate by 10%, it is **41.6221, 0.3242, 0.3408**.

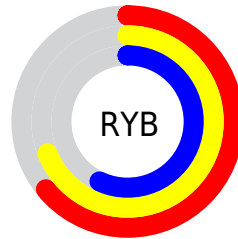
Distribution



Red (69%)

Green (65%)

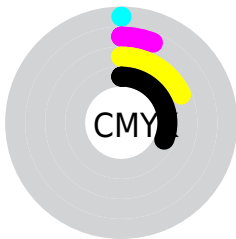
Blue (57%)



Red (64%)

Yellow (69%)

Blue (57%)

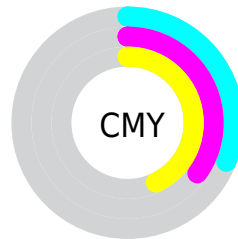


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6949, 0.3410, 0.3571 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 38.6949, 0.3410, 0.3571 by changing the saturation by 10% instead.


 38.6949, 0.3410,
0.3571


 38.6949, 0.3410,
0.3571


340.5916, 0.3264,
0.3426

 26.5225, 0.3448,
0.3608


 73.1720, 0.3356,
0.3518

 17.2149, 0.3497,
0.3657


 96.2454, 0.3336,
0.3498

 10.3878, 0.3564,
0.3723


123.7214, 0.3319,
0.3481

 5.6569, 0.3661,
0.3818

155.9841, 0.3305,
0.3467

 2.6376, 0.3810,
0.3963

193.4181, 0.3293,
0.3455

 0.9456, 0.4427,
0.4584

236.4078, 0.3282,

 0.0000, 0.0000,

0.3444

0.0000

285.3375, 0.3272,
0.3435

■ 38.6949, 0.3410,
0.3571

■ 38.6949, 0.3410,
0.3571

■ 35.9672, 0.3594,
0.3739

■ 41.6221, 0.3242,
0.3408

■ 33.4282, 0.3793,
0.3908

■ 44.7488, 0.3091,
0.3252

■ 31.0741, 0.4003,
0.4069

■ 48.0816, 0.2956,
0.3106

■ 28.8984, 0.4218,
0.4214

■ 51.6252, 0.2835,
0.2971

■ 26.8945, 0.4430,
0.4333

■ 55.3843, 0.2728,
0.2847

■ 25.0549, 0.4629,
0.4413

■ 59.3631, 0.2633,
0.2732

■ 23.3713, 0.4804,
0.4446

■ 62.5705, 0.2626,
0.2777

■ 21.8315, 0.4949,
0.4431

■ 65.7183, 0.2635,
0.2850

■ 21.4646, 0.4985,
0.4424

■ 68.9882, 0.2643,
0.2923

Harmonies

Analogous

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



38.6949, 0.3474, 0.3469



38.6949, 0.3410, 0.3571



38.6949, 0.3270, 0.3598

Triad

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



38.6949, 0.3410, 0.3571



38.6949, 0.2822, 0.3241



38.6949, 0.3152, 0.3059

Complementary

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



38.6949, 0.3410, 0.3571



33.3808, 0.2854, 0.2992

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.



38.6949, 0.2979, 0.2999



38.6949, 0.3410, 0.3571



38.6949, 0.2792, 0.3098

Square

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



38.6949, 0.3410, 0.3571



38.6949, 0.2932, 0.3404



38.6949, 0.2849, 0.3011



38.6949, 0.3323, 0.3177

Rectangle

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



38.6949, 0.3410, 0.3571



38.6949, 0.3154, 0.3567



38.6949, 0.2849, 0.3011



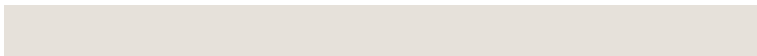
38.6949, 0.3092, 0.3032

Sweetspot

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



38.6966, 0.3410, 0.3571



75.8933, 0.3204, 0.3369



32.3465, 0.3340, 0.3130



16.3657, 0.3215, 0.3380



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.



38.6966, 0.3410, 0.3571



67.4042, 0.3479, 0.3636



42.3731, 0.3347, 0.3722



9.3908, 0.3272, 0.3437



15.6753, 0.4974, 0.4433



0.5981, 0.4706, 0.4646

Inverse Universe

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



33.3808, 0.2854, 0.2992



56.0939, 0.2789, 0.2918



30.2257, 0.2884, 0.2829



8.7056, 0.2985, 0.3139



4.9484, 0.1655, 0.1158



0.2681, 0.1820, 0.1750

Previews

White Background



This preview shows how the Yxy color 38.6949, 0.3410, 0.3571 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 38.6949, 0.3410, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

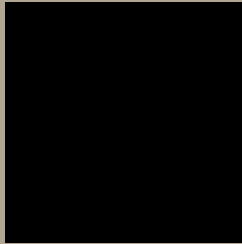
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

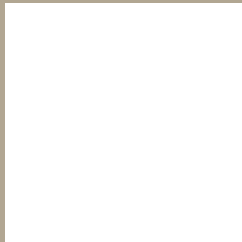
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6949, 0.3410, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 38.6949, 0.3410, 0.3571.



This preview shows how white text looks on a background with the Yxy color 38.6949, 0.3410, 0.3571.

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

38.6949, 0.3410, 0.3571

Protanopia

38.8267, 0.3388, 0.3586

Deuteranopia

38.6727, 0.3553, 0.3479



Tritanopia

38.7596, 0.3192, 0.3115

Trichromacy



Original Color

38.6949, 0.3410, 0.3571

Protanomaly

38.9429, 0.3398, 0.3585

Deuteranomaly

38.7401, 0.3498, 0.3509

Tritanomaly

38.5780, 0.3280, 0.3277

Monochromacy



Original Color

38.6949, 0.3410, 0.3571

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7986, 0.3234, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6949, 0.3410, 0.3571 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(177, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 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(177, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 146) }
```

Border

The CSS property to change the border of an element to Yxy 38.6949, 0.3410, 0.3571 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(177, 166, 146) }
```

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

```
.border{ border-color:rgb(177, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(177, 166,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6949, 0.3410, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 166, 146) }
```

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

```
.background{ background-color: rgb(177,  
166, 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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