

Converting Colors

$Yxy(37.9334, 0.3682, 0.3573)$

Have a look what the booklet for
Yxy(37.9334, 0.3682, 0.3573)
contains.

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Color

Yxy(38.1006, 0.3678, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	C29F8A
RGB	194, 159, 138
RGB Percent	76%, 62%, 54%
CMY	0.2393, 0.3764, 0.4588
CMYK	0.00, 0.18, 0.29, 0.24
HSL	23°, 31%, 65%
HSV	23°, 29%, 76%
XYZ	39.2312, 38.1006, 29.3328
YIQ	167.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

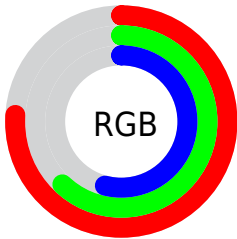
Format	Color
RYB	194, 172, 138
Decimal	12754826
CIELab	68.09, 9.80, 15.82
CIELCh	68, 18.611, 58.221
Yxy	38.1006, 0.3678, 0.3572
Android (android.graphics.Color)	4290944906 (0xFFC29F8A)
YUV	167.0710, -14.3320, 23.6167
Hunter-Lab	61.7257, 5.4300, 15.0327

Details

The Yxy color **38.1006, 0.3678, 0.3572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1781, 0.2682, 0.2989**, and the grayscale version is **38.7416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3640, 0.3572, 0.3530**, and **16.9187, 0.3842, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **33.6232, 0.3930, 0.3674**, and if you desaturate by 10%, it is **43.0906, 0.3459, 0.3470**.

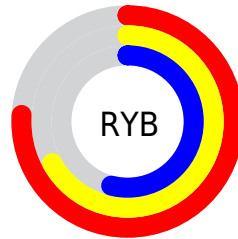
Distribution



Red (76%)

Green (62%)

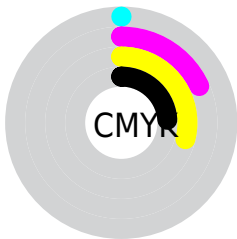
Blue (54%)



Red (76%)

Yellow (67%)

Blue (54%)

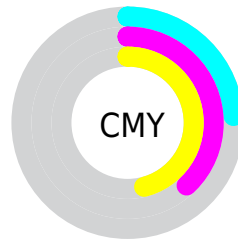


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1006, 0.3678, 0.3572 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 38.1006, 0.3678, 0.3572 by changing the saturation by 10% instead.


 38.1006, 0.3678,
0.3572


 38.1006, 0.3678,
0.3572


338.0513, 0.3391,
0.3432


 26.0608, 0.3753,
0.3606


 72.2623, 0.3571,
0.3522

 16.8691, 0.3851,
0.3649


 95.1530, 0.3532,
0.3502

 10.1412, 0.3985,
0.3705


 122.4294, 0.3499,
0.3486

 5.4927, 0.4177,
0.3779

154.4759, 0.3471,
0.3472

 2.5391, 0.4474,
0.3878

191.6770, 0.3447,
0.3460

 0.8962, 0.5547,
0.4453

234.4170, 0.3426,

 0.0000, 1.0000,

0.3450

0.0000

283.0803, 0.3408,
0.3440

0.0000, 0.0000,
0.0000

38.1006, 0.3678,
0.3572

38.1006, 0.3678,
0.3572

33.6232, 0.3930,
0.3674

43.0906, 0.3459,
0.3470

29.6362, 0.4216,
0.3770

48.6042, 0.3271,
0.3372

26.1231, 0.4530,
0.3852


54.6584, 0.3110,
0.3280


23.0647, 0.4862,
0.3907

61.2681, 0.2973,
0.3194


20.4400, 0.5191,
0.3922


68.4475, 0.2856,
0.3116

 18.2259, 0.5492,
0.3889

 76.2100, 0.2755,
0.3044

 16.3927, 0.5743,
0.3809

 83.2986, 0.2763,
0.3170

 16.2045, 0.5771,
0.3800

 90.2075, 0.2773,
0.3289

Harmonies

Analogous

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



38.1006, 0.3633, 0.3347



38.1006, 0.3678, 0.3572



38.1006, 0.3569, 0.3737

Triad

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



38.1006, 0.3678, 0.3572



38.1006, 0.2811, 0.3463



38.1006, 0.2899, 0.2838

Complementary

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



38.1006, 0.3678, 0.3572



39.1781, 0.2682, 0.2989

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.



38.1006, 0.2695, 0.2849



38.1006, 0.3678, 0.3572



38.1006, 0.2646, 0.3198

Square

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



38.1006, 0.3678, 0.3572



38.1006, 0.3063, 0.3685



38.1006, 0.2605, 0.2975



38.1006, 0.3173, 0.2937

Rectangle

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



38.1006, 0.3678, 0.3572



38.1006, 0.3426, 0.3784



38.1006, 0.2605, 0.2975



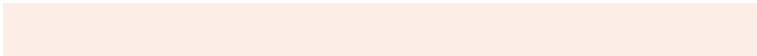
38.1006, 0.2821, 0.2829

Sweetspot

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



38.1024, 0.3678, 0.3572



87.7749, 0.3276, 0.3375



32.6810, 0.3366, 0.2826



18.8847, 0.3302, 0.3389



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



38.1024, 0.3678, 0.3572



63.5073, 0.3843, 0.3641



48.6407, 0.3582, 0.3915



10.6833, 0.3280, 0.3377



10.8017, 0.5747, 0.3819



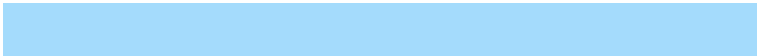
0.5995, 0.5326, 0.4153

Inverse Universe

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



39.1781, 0.2682, 0.2989



65.7774, 0.2580, 0.2907



29.6927, 0.2639, 0.2576



10.7727, 0.2984, 0.3202



11.7467, 0.1896, 0.2026



0.6364, 0.1983, 0.2340

Previews

White Background



This preview shows how the Yxy color 38.1006, 0.3678, 0.3572 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 38.1006, 0.3678, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

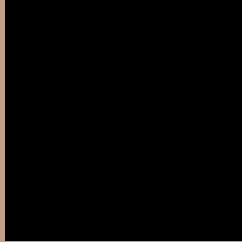
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1006, 0.3678, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 38.1006, 0.3678, 0.3572.



This preview shows how white text looks on a background with the Yxy color 38.1006, 0.3678, 0.3572.

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

38.1006, 0.3678, 0.3572

Protanopia

38.3095, 0.3436, 0.3644

Deuteranopia

38.1831, 0.3654, 0.3587



Tritanopia

38.1030, 0.3433, 0.3135

Trichromacy



Original Color

38.1006, 0.3678, 0.3572

Protanomaly

38.0329, 0.3524, 0.3610

Deuteranomaly

38.3140, 0.3664, 0.3586

Tritanomaly

37.9130, 0.3529, 0.3291

Monochromacy



Original Color

38.1006, 0.3678, 0.3572

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2983, 0.3323, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1006, 0.3678, 0.3572 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(194, 159, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 138)  
}
```

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(194, 159, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 138) }
```

Border

The CSS property to change the border of an element to Yxy 38.1006, 0.3678, 0.3572 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(194, 159, 138) }
```

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

```
.border{ border-color:rgb(194, 159, 138) }
```

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

Here you see how a box with a 4 pixel rgb(194, 159, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1006, 0.3678, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 138) }
```

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

```
.background{ background-color: rgb(194,  
159, 138) }
```

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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