

Converting Colors

$Yxy(38.2929, 0.3521, 0.3403)$

Have a look what the booklet for
Yxy(38.2929, 0.3521, 0.3403)
contains.

Yxy(38.1070, 0.3520, 0.3398)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.1070, 0.3520, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	BF9F97
RGB	191, 159, 151
RGB Percent	75%, 62%, 59%
CMY	0.2509, 0.3765, 0.4077
CMYK	0.00, 0.17, 0.21, 0.25
HSL	12°, 24%, 67%
HSV	12°, 21%, 75%
XYZ	39.4752, 38.1070, 34.5632
YIQ	167.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

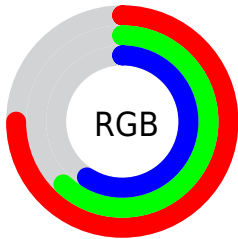
Format	Color
R _Y B	191, 161, 151
Decimal	12558231
CIE Lab	68.10, 10.55, 8.57
CIE LCh	68, 13.591, 39.077
Yxy	38.1070, 0.3520, 0.3398
Android (android.graphics.Color)	4290748311 (0xFFBF9F97)
YUV	167.6560, -8.2114, 20.4727
Hunter-Lab	61.7309, 6.1168, 10.0150

Details

The Yxy color **38.1070, 0.3520, 0.3398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2320, 0.2812, 0.3179**, and the grayscale version is **39.0159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4574, 0.3446, 0.3384**, and **16.9636, 0.3645, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **32.5984, 0.3769, 0.3453**, and if you desaturate by 10%, it is **44.3706, 0.3313, 0.3345**.

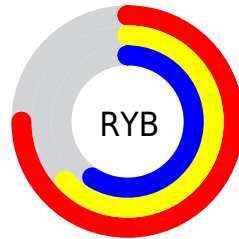
Distribution



Red (75%)

Green (62%)

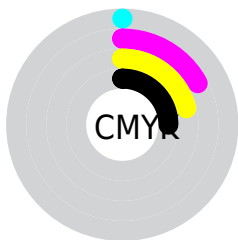
Blue (59%)



Red (75%)

Yellow (63%)

Blue (59%)

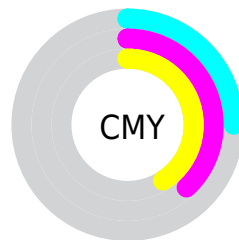


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1070, 0.3520, 0.3398 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 38.1070, 0.3520, 0.3398 by changing the saturation by 10% instead.

 38.1070, 0.3520,
0.3398

 38.1070, 0.3520,
0.3398


338.0787, 0.3316,
0.3345

 26.0657, 0.3574,
0.3411


 72.2721, 0.3444,
0.3379

 16.8728, 0.3644,
0.3427


 95.1648, 0.3416,
0.3372

 10.1439, 0.3742,
0.3447


122.4433, 0.3392,
0.3366

 5.4944, 0.3883,
0.3474

154.4922, 0.3372,
0.3361

 2.5402, 0.4107,
0.3510

191.6958, 0.3355,
0.3356

 0.8967, 0.4721,
0.3716

234.4385, 0.3340,

 0.0000, 1.0000,

0.3352

0.0000

283.1047, 0.3327,
0.3348

0.0000, 0.0000,
0.0000

38.1070, 0.3520,
0.3398

38.1070, 0.3520,
0.3398

32.5984, 0.3769,
0.3453

44.3706, 0.3313,
0.3345

27.8111, 0.4066,
0.3508

51.4110, 0.3142,
0.3295

23.7165, 0.4411,
0.3557

59.2555, 0.3000,
0.3248

20.2821, 0.4800,
0.3593

67.9286, 0.2882,
0.3206

17.4726, 0.5212,
0.3607

77.4536, 0.2783,
0.3168

■ 15.2496, 0.5612,
0.3590

■ 87.1489, 0.2753,
0.3244

■ 13.5698, 0.5950,
0.3539

■ 89.8190, 0.2757,
0.3289

■ 12.4693, 0.6181,
0.3474

Harmonies

Analogous

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



38.1070, 0.3418, 0.3225



38.1070, 0.3520, 0.3398



38.1070, 0.3512, 0.3551

Triad

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



38.1070, 0.3520, 0.3398



38.1070, 0.3010, 0.3525



38.1070, 0.2856, 0.2952

Complementary

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



38.1070, 0.3520, 0.3398



44.2320, 0.2812, 0.3179

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.



38.1070, 0.2755, 0.3018



38.1070, 0.3520, 0.3398



38.1070, 0.2842, 0.3348

Square

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



38.1070, 0.3520, 0.3398



38.1070, 0.3214, 0.3633



38.1070, 0.2750, 0.3161



38.1070, 0.3031, 0.2973

Rectangle

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



38.1070, 0.3520, 0.3398



38.1070, 0.3447, 0.3620



38.1070, 0.2750, 0.3161



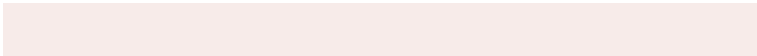
38.1070, 0.2813, 0.2964

Sweetspot

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



38.1087, 0.3520, 0.3398



85.3771, 0.3226, 0.3320



36.6680, 0.3219, 0.2866



18.5662, 0.3237, 0.3323



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.1087, 0.3520, 0.3398



63.6750, 0.3625, 0.3423



45.2965, 0.3470, 0.3649



9.8360, 0.3283, 0.3336



8.2858, 0.6160, 0.3491



0.4175, 0.5709, 0.3849

Inverse Universe

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



44.2320, 0.2812, 0.3179



76.5477, 0.2747, 0.3153



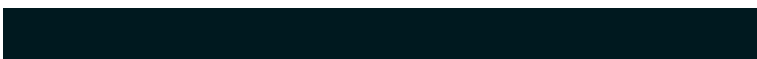
36.7844, 0.2793, 0.2903



10.4777, 0.2985, 0.3243



17.5466, 0.2068, 0.2646



0.7710, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 38.1070, 0.3520, 0.3398 looks on a white background.

Color Contrast Check

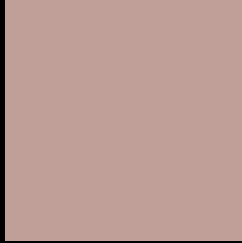
Large Text (above 18pt) WCAG AA × Fail

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 38.1070, 0.3520, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

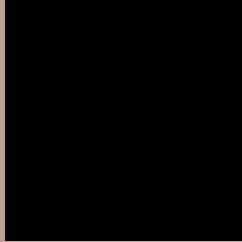
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1070, 0.3520, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 38.1070, 0.3520, 0.3398.



This preview shows how white text looks on a background with the Yxy color 38.1070, 0.3520, 0.3398.

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

38.1070, 0.3520, 0.3398

Protanopia

38.4097, 0.3280, 0.3446

Deuteranopia

38.0673, 0.3487, 0.3413



Tritanopia

37.9790, 0.3372, 0.3120

Trichromacy



Original Color

38.1070, 0.3520, 0.3398

Protanomaly

38.1112, 0.3363, 0.3416

Deuteranomaly

38.1948, 0.3497, 0.3413

Tritanomaly

37.9290, 0.3428, 0.3225

Monochromacy



Original Color

38.1070, 0.3520, 0.3398

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7490, 0.3257, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1070, 0.3520, 0.3398 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(191, 159, 151)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 151)  
}
```

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(191, 159, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.1070, 0.3520, 0.3398 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(191, 159, 151) }
```

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

```
.border{ border-color:rgb(191, 159, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 159, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 159, 151);  
box-shadow:4px 4px 4px 4px rgb(191, 159,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1070, 0.3520, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 151) }
```

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

```
.background{ background-color: rgb(191,  
159, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor