

Converting Colors

$Yxy(38.3172, 0.3335, 0.3291)$

Have a look what the booklet for
Yxy(38.3172, 0.3335, 0.3291)
contains.

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Color

Yxy(38.1302, 0.3340, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	B7A1A1
RGB	183, 161, 161
RGB Percent	72%, 63%, 63%
CMY	0.2825, 0.3685, 0.3687
CMYK	0.00, 0.12, 0.12, 0.28
HSL	0°, 13%, 67%
HSV	0°, 12%, 72%
XYZ	38.6979, 38.1302, 39.0339
YIQ	167.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

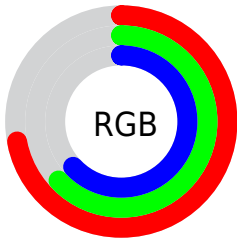
Format	Color
RYB	183, 161, 161
Decimal	12034465
CIELab	68.12, 8.01, 2.95
CIElCh	68, 8.539, 20.220
Yxy	38.1302, 0.3340, 0.3291
Android (android.graphics.Color)	4290224545 (0xFFB7A1A1)
YUV	167.5780, -3.2430, 13.5251
Hunter-Lab	61.7497, 3.8024, 5.7457

Details

The Yxy color **38.1302, 0.3340, 0.3291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8305, 0.2946, 0.3289**, and the grayscale version is **38.9502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4203, 0.3296, 0.3291**, and **16.8089, 0.3404, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **31.6057, 0.3566, 0.3292**, and if you desaturate by 10%, it is **45.6857, 0.3159, 0.3290**.

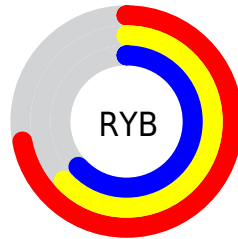
Distribution



Red (72%)

Green (63%)

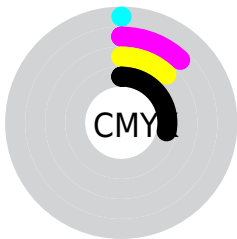
Blue (63%)



Red (72%)

Yellow (63%)

Blue (63%)

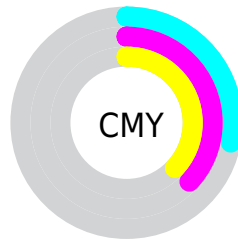


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1302, 0.3340, 0.3291 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 38.1302, 0.3340, 0.3291 by changing the saturation by 10% instead.


 38.1302, 0.3340,
0.3291


 38.1302, 0.3340,
0.3291


338.1782, 0.3230,
0.3291

 26.0838, 0.3369,
0.3291

 72.3077, 0.3299,
0.3291

 16.8863, 0.3407,
0.3290


 95.2075, 0.3284,
0.3291

 10.1535, 0.3459,
0.3289


122.4938, 0.3271,
0.3291

 5.5008, 0.3536,
0.3287

154.5512, 0.3260,
0.3291

 2.5440, 0.3657,
0.3281

191.7639, 0.3251,
0.3291

 0.8986, 0.3898,
0.3282


234.5164, 0.3243,


 0.0000, 0.0000,

0.3291

0.0000

283.1930, 0.3236,
0.3291

 38.1302, 0.3340,
0.3291


 38.1302, 0.3340,
0.3291


 31.6057, 0.3566,
0.3292

 45.6857, 0.3159,
0.3290


 26.0628, 0.3848,
0.3293


 54.3088, 0.3014,
0.3289


 21.4556, 0.4192,
0.3295

 64.0406, 0.2897,
0.3289

 17.7323, 0.4602,
0.3296

 74.9184, 0.2802,
0.3288

 14.8365, 0.5063,
0.3298

 86.9780, 0.2725,
0.3288

■ 12.7051, 0.5536,
0.3299

■ 88.8020, 0.2716,
0.3289

■ 11.2659, 0.5957,
0.3300

■ 10.4329, 0.6254,
0.3300

■ 10.0673, 0.6400,
0.3300

Harmonies

Analogous

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



38.1302, 0.3243, 0.3185



38.1302, 0.3340, 0.3291



38.1302, 0.3379, 0.3399

Triad

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



38.1302, 0.3340, 0.3291



38.1302, 0.3135, 0.3484



38.1302, 0.2909, 0.3097

Complementary

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



38.1302, 0.3340, 0.3291



44.8305, 0.2946, 0.3289

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.



38.1302, 0.2882, 0.3173



38.1302, 0.3340, 0.3291



38.1302, 0.3011, 0.3399

Square

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



38.1302, 0.3340, 0.3291



38.1302, 0.3259, 0.3514



38.1302, 0.2919, 0.3284



38.1302, 0.2993, 0.3074

Rectangle

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



38.1302, 0.3340, 0.3291



38.1302, 0.3367, 0.3459



38.1302, 0.2919, 0.3284



38.1302, 0.2893, 0.3117

Sweetspot

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



38.1319, 0.3340, 0.3291



78.9222, 0.3193, 0.3290



38.9658, 0.3141, 0.2999



17.1983, 0.3206, 0.3290



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.1319, 0.3340, 0.3291



65.5701, 0.3386, 0.3291



42.1302, 0.3321, 0.3438



9.0141, 0.3288, 0.3291



7.0276, 0.6400, 0.3301



0.2484, 0.6395, 0.3305

Inverse Universe

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



44.8305, 0.2946, 0.3289



79.5829, 0.2914, 0.3289



40.4885, 0.2943, 0.3137



10.2085, 0.2985, 0.3289



25.9418, 0.2245, 0.3283



0.9152, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 38.1302, 0.3340, 0.3291 looks on a white background.

Color Contrast Check

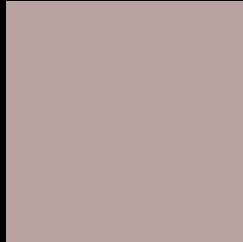
Large Text (above 18pt) WCAG AA × Fail

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 38.1302, 0.3340, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

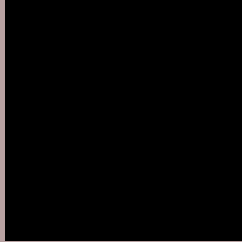
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1302, 0.3340, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 38.1302, 0.3340, 0.3291.



This preview shows how white text looks on a background with the Yxy color 38.1302, 0.3340, 0.3291.

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

38.1302, 0.3340, 0.3291

Protanopia

38.1007, 0.3191, 0.3318

Deuteranopia

38.2533, 0.3350, 0.3291



Tritanopia

37.9652, 0.3251, 0.3116

Trichromacy



Original Color

38.1302, 0.3340, 0.3291

Protanomaly

38.2735, 0.3249, 0.3318

Deuteranomaly

38.2533, 0.3350, 0.3291

Tritanomaly

38.1591, 0.3287, 0.3183

Monochromacy



Original Color

38.1302, 0.3340, 0.3291

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5111, 0.3202, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1302, 0.3340, 0.3291 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(183, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 161, 161)  
}
```

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(183, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 161, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.1302, 0.3340, 0.3291 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(183, 161, 161) }
```

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

```
.border{ border-color:rgb(183, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 161,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1302, 0.3340, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 161, 161) }
```

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

```
.background{ background-color: rgb(183,  
161, 161) }
```

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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