

Converting Colors

$Yxy(38.1845, 0.3194, 0.3199)$

Have a look what the booklet for
Yxy(38.1845, 0.3194, 0.3199)
contains.

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Color

Yxy(38.2891, 0.3197, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	B0A3A9
RGB	176, 163, 169
RGB Percent	69%, 64%, 66%
CMY	0.3099, 0.3607, 0.3373
CMYK	0.00, 0.07, 0.04, 0.31
HSL	332°, 8%, 66%
HSV	332°, 7%, 69%
XYZ	38.1578, 38.2891, 42.9081
YIQ	167.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

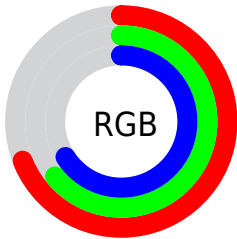
Format	Color
RYB	176, 163, 169
Decimal	11576233
CIELab	68.23, 5.78, -1.40
CIELCh	68, 5.945, 346.374
Yxy	38.2891, 0.3197, 0.3208
Android (android.graphics.Color)	4289766313 (0xFFB0A3A9)
YUV	167.5710, 0.7045, 7.3922
Hunter-Lab	61.8782, 1.7870, 2.2013

Details

The Yxy color **38.2891, 0.3197, 0.3208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7317, 0.3062, 0.3373**, and the grayscale version is **38.9303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6804, 0.3188, 0.3227**, and **16.8642, 0.3213, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **32.1261, 0.3309, 0.3091**, and if you desaturate by 10%, it is **45.3509, 0.3104, 0.3318**.

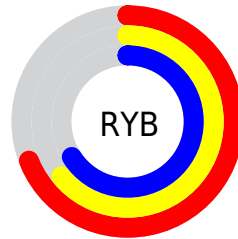
Distribution



Red (69%)

Green (64%)

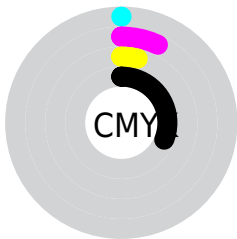
Blue (66%)



Red (69%)

Yellow (64%)

Blue (66%)

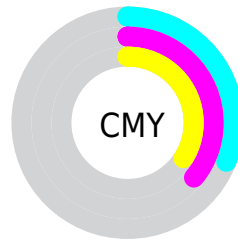


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.2891, 0.3197, 0.3208 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 38.2891, 0.3197, 0.3208 by changing the saturation by 10% instead.


 38.2891, 0.3197,
0.3208


 38.2891, 0.3197,
0.3208


338.8585, 0.3161,
0.3250

 26.2071, 0.3206,
0.3197


 72.5510, 0.3184,
0.3224

 16.9787, 0.3219,
0.3183


 95.4998, 0.3179,
0.3229

 10.2193, 0.3235,
0.3163


122.8396, 0.3175,
0.3234

 5.5446, 0.3259,
0.3135

154.9549, 0.3171,
0.3238

 2.5702, 0.3297,
0.3091

192.2301, 0.3168,
0.3242

 0.9117, 0.3366,
0.3013


235.0494, 0.3165,


 0.0000, 0.0000,


0.3245


0.0000


283.7975, 0.3163,
0.3248


 38.2891, 0.3197,
0.3208


 38.2891, 0.3197,
0.3208


 32.1261, 0.3309,
0.3091


 45.3509, 0.3104,
0.3318


 26.8207, 0.3444,
0.2970

 53.3406, 0.3028,
0.3421


 22.3357, 0.3604,
0.2848

 62.2923, 0.2965,
0.3516

 18.6296, 0.3793,
0.2731

 72.2367, 0.2913,
0.3603

 15.6567, 0.4011,
0.2628

 83.2034, 0.2870,
0.3682

■ 13.3670, 0.4256,
0.2550

■ 86.2341, 0.2824,
0.3614

■ 11.7039, 0.4519,
0.2509

■ 86.7694, 0.2776,
0.3506

■ 10.6016, 0.4788,
0.2517

■ 87.3340, 0.2729,
0.3399

■ 9.9615, 0.5049,
0.2575

■ 87.9283, 0.2684,
0.3295

Harmonies

Analogous

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



38.2891, 0.3108, 0.3156



38.2891, 0.3197, 0.3208



38.2891, 0.3268, 0.3281

Triad

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



38.2891, 0.3197, 0.3208



38.2891, 0.3229, 0.3445



38.2891, 0.2956, 0.3218

Complementary

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



38.2891, 0.3197, 0.3208



41.7317, 0.3062, 0.3373

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.



38.2891, 0.2988, 0.3297



38.2891, 0.3197, 0.3208



38.2891, 0.3145, 0.3429

Square

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



38.2891, 0.3197, 0.3208



38.2891, 0.3287, 0.3418



38.2891, 0.3057, 0.3374



38.2891, 0.2970, 0.3161

Rectangle

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



38.2891, 0.3197, 0.3208



38.2891, 0.3295, 0.3333



38.2891, 0.3057, 0.3374



38.2891, 0.2962, 0.3243

Sweetspot

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



38.2908, 0.3197, 0.3208



76.0896, 0.3145, 0.3268



37.8710, 0.3079, 0.3110



16.5207, 0.3144, 0.3269



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.



38.2908, 0.3197, 0.3208



67.3462, 0.3216, 0.3188



38.2253, 0.3250, 0.3296



8.5682, 0.3217, 0.3186



7.2208, 0.5093, 0.2579



0.2390, 0.4436, 0.2217

Inverse Universe

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



38.2908, 0.3197, 0.3208



67.3462, 0.3216, 0.3188



41.7938, 0.3015, 0.3284



8.5682, 0.3217, 0.3186



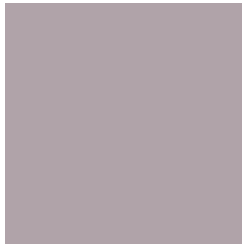
7.2208, 0.5093, 0.2579



0.2390, 0.4436, 0.2217

Previews

White Background



This preview shows how the Yxy color 38.2891, 0.3197, 0.3208 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 38.2891, 0.3197, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

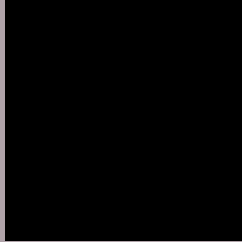
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2891, 0.3197, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 38.2891, 0.3197, 0.3208.



This preview shows how white text looks on a background with the Yxy color 38.2891, 0.3197, 0.3208.

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

38.2891, 0.3197, 0.3208

Protanopia

38.1374, 0.3112, 0.3220

Deuteranopia

38.1781, 0.3247, 0.3182



Tritanopia

38.2829, 0.3154, 0.3113

Trichromacy



Original Color

38.2891, 0.3197, 0.3208

Protanomaly

38.1111, 0.3140, 0.3206

Deuteranomaly

38.2889, 0.3227, 0.3195

Tritanomaly

38.2049, 0.3172, 0.3140

Monochromacy



Original Color

38.2891, 0.3197, 0.3208

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7575, 0.3156, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2891, 0.3197, 0.3208 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(176, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 169)  
}
```

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(176, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.2891, 0.3197, 0.3208 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(176, 163, 169) }
```

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

```
.border{ border-color:rgb(176, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2891, 0.3197, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 169) }
```

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

```
.background{ background-color: rgb(176,  
163, 169) }
```

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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