

Converting Colors

Yxy(38.4350, 0.3211, 0.3184)

Have a look what the booklet for
Yxy(38.4350, 0.3211, 0.3184)
contains.

Yxy(38.3266, 0.3218, 0.3181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.3266, 0.3218, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	B3A2AA
RGB	179, 162, 170
RGB Percent	70%, 64%, 67%
CMY	0.2979, 0.3647, 0.3333
CMYK	0.00, 0.10, 0.05, 0.30
HSL	332°, 10%, 67%
HSV	332°, 10%, 70%
XYZ	38.7724, 38.3266, 43.3870
YIQ	167.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

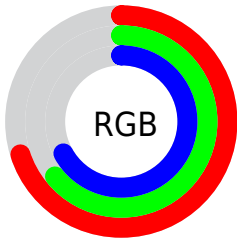
Format	Color
RYB	179, 162, 170
Decimal	11772586
CIELab	68.26, 7.63, -1.90
CIElCh	68, 7.861, 346.039
Yxy	38.3266, 0.3218, 0.3181
Android (android.graphics.Color)	4289962666 (0xFFB3A2AA)
YUV	167.9950, 0.9885, 9.6514
Hunter-Lab	61.9085, 3.4522, 1.7840

Details

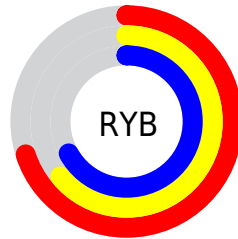
The Yxy color **38.3266, 0.3218, 0.3181** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8753, 0.3045, 0.3402**, and the grayscale version is **39.1502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7241, 0.3203, 0.3206**, and **16.8955, 0.3242, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **32.1176, 0.3333, 0.3060**, and if you desaturate by 10%, it is **45.4628, 0.3123, 0.3295**.

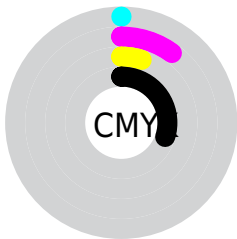
Distribution



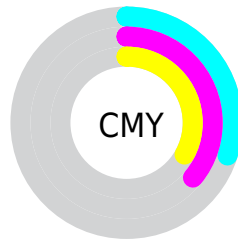
- Red (70%)
- Green (64%)
- Blue (67%)



- Red (70%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (30%)




- Cyan (30%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3266, 0.3218, 0.3181 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 38.3266, 0.3218, 0.3181 by changing the saturation by 10% instead.


 38.3266, 0.3218,
0.3181


 38.3266, 0.3218,
0.3181

339.0189, 0.3171,
0.3237

 26.2363, 0.3230,
0.3167


 72.6085, 0.3201,
0.3202

 17.0005, 0.3246,
0.3148


 95.5688, 0.3194,
0.3209

 10.2348, 0.3267,
0.3122

122.9212, 0.3189,
0.3216

 5.5549, 0.3299,
0.3085

155.0501, 0.3184,
0.3221

 2.5764, 0.3347,
0.3028

192.3400, 0.3180,
0.3226

 0.9148, 0.3435,
0.2926

235.1751, 0.3177,

 0.0000, 1.0000,

0.3230

0.0000

283.9400, 0.3174,
0.3234

0.0000, 0.0000,
0.0000

38.3266, 0.3218,
0.3181

38.3266, 0.3218,
0.3181

32.1176, 0.3333,
0.3060

45.4628, 0.3123,
0.3295

26.7926, 0.3470,
0.2936

53.5572, 0.3045,
0.3402

22.3121, 0.3634,
0.2812

62.6456, 0.2980,
0.3501

18.6320, 0.3826,
0.2695

72.7605, 0.2926,
0.3591

15.7039, 0.4046,
0.2594

83.9328, 0.2882,
0.3674

■ 13.4742, 0.4290,
0.2521

■ 86.6489, 0.2835,
0.3601

■ 11.8821, 0.4550,
0.2488

■ 87.1868, 0.2787,
0.3494

■ 10.8561, 0.4813,
0.2506

■ 87.7541, 0.2740,
0.3388

■ 10.2567, 0.5068,
0.2569

■ 88.3277, 0.2696,
0.3289

Harmonies

Analogous

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



38.3266, 0.3100, 0.3114



38.3266, 0.3218, 0.3181



38.3266, 0.3313, 0.3277

Triad

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



38.3266, 0.3218, 0.3181



38.3266, 0.3263, 0.3495



38.3266, 0.2902, 0.3196

Complementary

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



38.3266, 0.3218, 0.3181



42.8753, 0.3045, 0.3402

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.



38.3266, 0.2944, 0.3299



38.3266, 0.3218, 0.3181



38.3266, 0.3151, 0.3475

Square

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



38.3266, 0.3218, 0.3181



38.3266, 0.3339, 0.3458



38.3266, 0.3035, 0.3403



38.3266, 0.2919, 0.3120

Rectangle

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



38.3266, 0.3218, 0.3181



38.3266, 0.3349, 0.3345



38.3266, 0.3035, 0.3403



38.3266, 0.2910, 0.3228

Sweetspot

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



38.3283, 0.3218, 0.3181



76.6840, 0.3154, 0.3256



37.7292, 0.3062, 0.3055



16.7592, 0.3162, 0.3247



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.3283, 0.3218, 0.3181



66.6494, 0.3236, 0.3161



38.1343, 0.3290, 0.3294



8.5696, 0.3216, 0.3183



7.2395, 0.5053, 0.2557



0.2396, 0.4409, 0.2203

Inverse Universe

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



38.3283, 0.3218, 0.3181



66.6494, 0.3236, 0.3161



43.0766, 0.2983, 0.3286



8.5696, 0.3216, 0.3183



7.2395, 0.5053, 0.2557



0.2396, 0.4409, 0.2203

Previews

White Background



This preview shows how the Yxy color 38.3266, 0.3218, 0.3181 looks on a white background.

Color Contrast Check

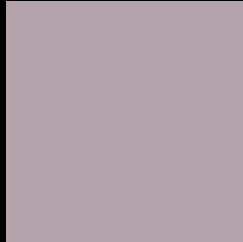
Large Text (above 18pt) WCAG AA × Fail

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 38.3266, 0.3218, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

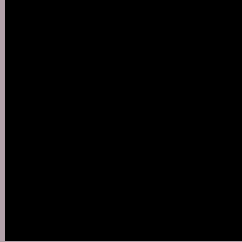
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3266, 0.3218, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 38.3266, 0.3218, 0.3181.



This preview shows how white text looks on a background with the Yxy color 38.3266, 0.3218, 0.3181.

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

38.3266, 0.3218, 0.3181

Protanopia

38.5758, 0.3094, 0.3206

Deuteranopia

38.2158, 0.3238, 0.3168



Tritanopia

38.2490, 0.3192, 0.3114

Trichromacy



Original Color

38.3266, 0.3218, 0.3181

Protanomaly

38.6212, 0.3140, 0.3207

Deuteranomaly

38.0953, 0.3228, 0.3168

Tritanomaly

38.2102, 0.3201, 0.3128

Monochromacy



Original Color

38.3266, 0.3218, 0.3181

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9077, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3266, 0.3218, 0.3181 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(179, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 170)  
}
```

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(179, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 170) }
```

Border

The CSS property to change the border of an element to Yxy 38.3266, 0.3218, 0.3181 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(179, 162, 170) }
```

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

```
.border{ border-color:rgb(179, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3266, 0.3218, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 170) }
```

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

```
.background{ background-color: rgb(179,  
162, 170) }
```

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