

Converting Colors

$Y_{xy}(38.3306, 0.3211, 0.3128)$

Have a look what the booklet for
Yxy(38.3306, 0.3211, 0.3128)
contains.

Yxy(38.3306, 0.3211, 0.3128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.3306, 0.3211, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	B5A1AD
RGB	181, 161, 173
RGB Percent	71%, 63%, 68%
CMY	0.2901, 0.3686, 0.3215
CMYK	0.00, 0.11, 0.04, 0.29
HSL	324°, 12%, 67%
HSV	324°, 11%, 71%
XYZ	39.3477, 38.3306, 44.8620
YIQ	168.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

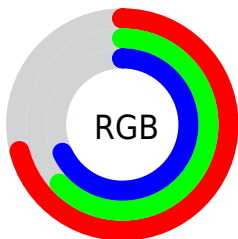
Format	Color
RYB	181, 161, 173
Decimal	11903405
CIELab	68.26, 9.44, -3.54
CIELCh	68, 10.083, 339.442
Yxy	38.3306, 0.3211, 0.3128
Android (android.graphics.Color)	4290093485 (0xFFB5A1AD)
YUV	168.3480, 2.2934, 11.0958
Hunter-Lab	61.9117, 5.0993, 0.3759

Details

The Yxy color **38.3306, 0.3211, 0.3128** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4984, 0.3051, 0.3458**, and the grayscale version is **39.3253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7177, 0.3198, 0.3165**, and **16.9069, 0.3232, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **32.1839, 0.3302, 0.2974**, and if you desaturate by 10%, it is **45.4118, 0.3135, 0.3275**.

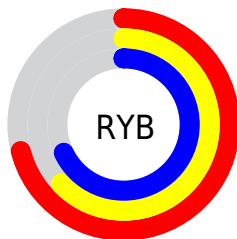
Distribution



Red (71%)

Green (63%)

Blue (68%)



Red (71%)

Yellow (63%)

Blue (68%)

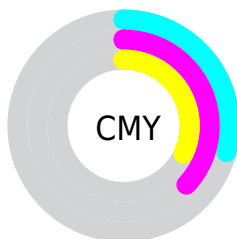


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (29%)



Cyan (29%)


Magenta (37%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3306, 0.3211, 0.3128 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 38.3306, 0.3211, 0.3128 by changing the saturation by 10% instead.


 38.3306, 0.3211,
0.3128


 38.3306, 0.3211,
0.3128

339.0360, 0.3168,
0.3211

 26.2394, 0.3222,
0.3107


 72.6146, 0.3195,
0.3158

 17.0028, 0.3236,
0.3079

 95.5761, 0.3189,
0.3170

 10.2365, 0.3256,
0.3042


122.9299, 0.3184,
0.3179

 5.5560, 0.3283,
0.2988

155.0603, 0.3180,
0.3187

 2.5771, 0.3326,
0.2906

192.3517, 0.3177,
0.3194

 0.9151, 0.3402,
0.2762

235.1886, 0.3173,


 0.0000, 0.5554,


0.3201


0.0000


283.9552, 0.3171,
0.3206

 0.0000, 0.0000,
0.0000


 38.3306, 0.3211,
0.3128


 38.3306, 0.3211,
0.3128


 32.1839, 0.3302,
0.2974


 45.4118, 0.3135,
0.3275


 26.9274, 0.3409,
0.2818

 53.4595, 0.3071,
0.3413


 22.5203, 0.3535,
0.2663

 62.5104, 0.3017,
0.3541

 18.9169, 0.3678,
0.2518

 72.5979, 0.2973,
0.3660

 16.0673, 0.3838,
0.2392

 83.7535, 0.2937,
0.3769

■ 13.9157, 0.4012,
0.2297

■ 86.3294, 0.2900,
0.3721

■ 12.3987, 0.4194,
0.2244

■ 86.7137, 0.2862,
0.3637

■ 11.4408, 0.4378,
0.2241

■ 87.1147, 0.2825,
0.3554

■ 10.9210, 0.4539,
0.2274

■ 87.5327, 0.2788,
0.3473

Harmonies

Analogous

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



38.3306, 0.3058, 0.3053



38.3306, 0.3211, 0.3128



38.3306, 0.3343, 0.3244

Triad

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



38.3306, 0.3211, 0.3128



38.3306, 0.3327, 0.3549



38.3306, 0.2846, 0.3195

Complementary

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



38.3306, 0.3211, 0.3128



43.4984, 0.3051, 0.3458

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.



38.3306, 0.2914, 0.3332



38.3306, 0.3211, 0.3128



38.3306, 0.3191, 0.3541

Square

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



38.3306, 0.3211, 0.3128



38.3306, 0.3411, 0.3486



38.3306, 0.3040, 0.3461



38.3306, 0.2850, 0.3088

Rectangle

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



38.3306, 0.3211, 0.3128



38.3306, 0.3401, 0.3331



38.3306, 0.3040, 0.3461



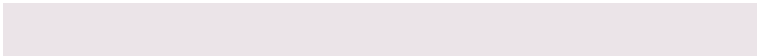
38.3306, 0.2861, 0.3239

Sweetspot

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



38.3323, 0.3211, 0.3128



78.6541, 0.3149, 0.3246



37.2614, 0.3029, 0.3013



16.7732, 0.3154, 0.3235



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.



38.3323, 0.3211, 0.3128



66.1233, 0.3229, 0.3095



37.9592, 0.3302, 0.3263



8.5880, 0.3197, 0.3154



7.5407, 0.4518, 0.2263



0.2484, 0.4064, 0.2012

Inverse Universe

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



38.3323, 0.3211, 0.3128



66.1233, 0.3229, 0.3095



43.8888, 0.2975, 0.3317



8.5880, 0.3197, 0.3154



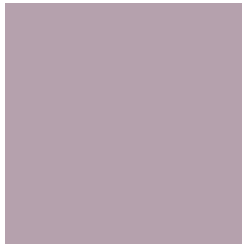
7.5407, 0.4518, 0.2263



0.2484, 0.4064, 0.2012

Previews

White Background



This preview shows how the Yxy color 38.3306, 0.3211, 0.3128 looks on a white background.

Color Contrast Check

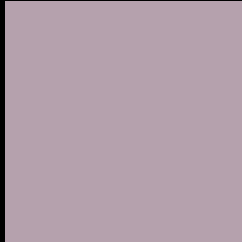
Large Text (above 18pt) WCAG AA × Fail

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 38.3306, 0.3211, 0.3128 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 38.3306, 0.3211, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 38.3306, 0.3211, 0.3128.



This preview shows how white text looks on a background with the Yxy color 38.3306, 0.3211, 0.3128.

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

38.3306, 0.3211, 0.3128

Protanopia

38.6225, 0.3052, 0.3151

Deuteranopia

38.2102, 0.3201, 0.3128



Tritanopia

38.3695, 0.3202, 0.3115

Trichromacy



Original Color

38.3306, 0.3211, 0.3128

Protanomaly

38.4167, 0.3106, 0.3138

Deuteranomaly

38.2102, 0.3201, 0.3128

Tritanomaly

38.3695, 0.3202, 0.3115

Monochromacy



Original Color

38.3306, 0.3211, 0.3128

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6968, 0.3158, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3306, 0.3211, 0.3128 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(181, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 173)  
}
```

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(181, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.3306, 0.3211, 0.3128 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(181, 161, 173) }
```

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

```
.border{ border-color:rgb(181, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3306, 0.3211, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 173) }
```

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

```
.background{ background-color: rgb(181,  
161, 173) }
```

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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