

Converting Colors

Yxy(38.6523, 0.3141, 0.3098)

Have a look what the booklet for
Yxy(38.6523, 0.3141, 0.3098)
contains.

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Color

Yxy(38.7158, 0.3136, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	B1A3B1
RGB	177, 163, 177
RGB Percent	69%, 64%, 69%
CMY	0.3059, 0.3608, 0.3058
CMYK	0.00, 0.08, 0.00, 0.31
HSL	300°, 8%, 67%
HSV	300°, 8%, 69%
XYZ	39.1654, 38.7158, 47.0085
YIQ	168.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

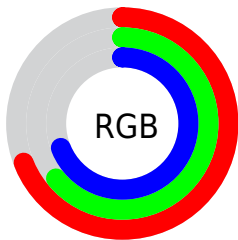
Format	Color
RYB	177, 163, 177
Decimal	11641777
CIELab	68.54, 7.65, -5.39
CIElCh	69, 9.361, 324.829
Yxy	38.7158, 0.3136, 0.3100
Android (android.graphics.Color)	4289831857 (0xFFB1A3B1)
YUV	168.7820, 4.0515, 7.2072
Hunter-Lab	62.2220, 3.4676, -1.2379

Details

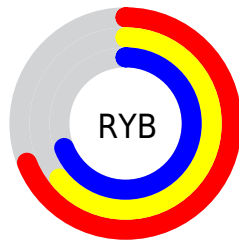
The Yxy color **38.7158, 0.3136, 0.3100** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8805, 0.3118, 0.3488**, and the grayscale version is **39.5422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3496, 0.3135, 0.3133**, and **17.1092, 0.3139, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **32.8641, 0.3147, 0.2854**, and if you desaturate by 10%, it is **45.4507, 0.3125, 0.3339**.

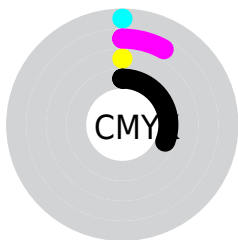
Distribution



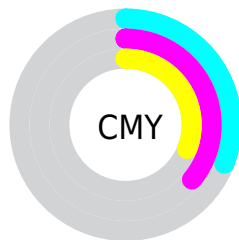
- Red (69%)
- Green (64%)
- Blue (69%)



- Red (69%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7158, 0.3136, 0.3100 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 38.7158, 0.3136, 0.3100 by changing the saturation by 10% instead.


 38.7158, 0.3136,
0.3100


 38.7158, 0.3136,
0.3100


340.6807, 0.3132,
0.3197

 26.5387, 0.3137,
0.3075


 73.2040, 0.3135,
0.3136

 17.2271, 0.3138,
0.3043


 96.2838, 0.3134,
0.3149

 10.3965, 0.3139,
0.3000


123.7667, 0.3134,
0.3160

 5.6627, 0.3140,
0.2938

156.0370, 0.3133,
0.3169

 2.6411, 0.3141,
0.2843

193.4792, 0.3133,
0.3178

 0.9473, 0.3140,
0.2679

236.4776, 0.3133,

 0.0000, 0.1432,

0.3185

0.0000

285.4166, 0.3132,
0.3191

0.0000, 0.0000,
0.0000

38.7158, 0.3136,
0.3100

38.7158, 0.3136,
0.3100

32.8641, 0.3147,
0.2854

45.4507, 0.3125,
0.3339

27.8541, 0.3159,
0.2608

53.0980, 0.3114,
0.3567

23.6488, 0.3170,
0.2370

61.6916, 0.3104,
0.3780

20.2061, 0.3180,
0.2149

71.2626, 0.3095,
0.3978

17.4805, 0.3189,
0.1953

81.8401, 0.3087,
0.4159

■ 15.4212, 0.3197,
0.1792

■ 84.0492, 0.3085,
0.4193

■ 13.9712, 0.3202,
0.1670

■ 84.0504, 0.3085,
0.4193

■ 13.0636, 0.3206,
0.1591

■ 84.0516, 0.3085,
0.4193

■ 12.5917, 0.3207,
0.1548

■ 84.0528, 0.3085,
0.4193

Harmonies

Analogous

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



38.7158, 0.3000, 0.3056



38.7158, 0.3136, 0.3100



38.7158, 0.3272, 0.3192

Triad

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



38.7158, 0.3136, 0.3100



38.7158, 0.3358, 0.3509



38.7158, 0.2889, 0.3263

Complementary

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



38.7158, 0.3136, 0.3100



41.8805, 0.3118, 0.3488

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.



38.7158, 0.2982, 0.3391



38.7158, 0.3136, 0.3100



38.7158, 0.3252, 0.3534

Square

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



38.7158, 0.3136, 0.3100



38.7158, 0.3402, 0.3425



38.7158, 0.3114, 0.3491



38.7158, 0.2860, 0.3146

Rectangle

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



38.7158, 0.3136, 0.3100



38.7158, 0.3344, 0.3269



38.7158, 0.3114, 0.3491



38.7158, 0.2914, 0.3306

Sweetspot

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



38.7175, 0.3136, 0.3100



76.2268, 0.3129, 0.3242



37.2399, 0.3007, 0.3096



16.5489, 0.3129, 0.3244



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.



38.7175, 0.3136, 0.3100



67.9485, 0.3137, 0.3070



38.4550, 0.3196, 0.3191



8.6465, 0.3138, 0.3066



9.0638, 0.3208, 0.1541



0.2853, 0.3208, 0.1541

Inverse Universe

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



38.1884, 0.3261, 0.3290



66.8616, 0.3284, 0.3290



42.1289, 0.3064, 0.3391



8.5053, 0.3287, 0.3290



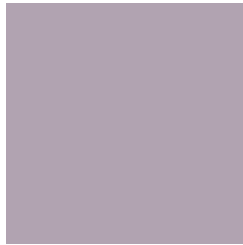
6.7725, 0.6400, 0.3299



0.2131, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 38.7158, 0.3136, 0.3100 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 38.7158, 0.3136, 0.3100 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

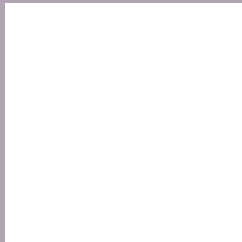
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7158, 0.3136, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 38.7158, 0.3136, 0.3100.



This preview shows how white text looks on a background with the Yxy color 38.7158, 0.3136, 0.3100.

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

38.7158, 0.3136, 0.3100

Protanopia

38.7426, 0.3027, 0.3110

Deuteranopia

38.5987, 0.3155, 0.3088



Tritanopia

38.6761, 0.3145, 0.3113

Trichromacy



Original Color

38.7158, 0.3136, 0.3100

Protanomaly

38.7825, 0.3071, 0.3111

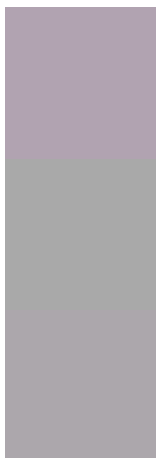
Deuteranomaly

38.4800, 0.3146, 0.3087

Tritanomaly

38.6761, 0.3145, 0.3113

Monochromacy



Original Color

38.7158, 0.3136, 0.3100

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3866, 0.3130, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7158, 0.3136, 0.3100 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(177, 163, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 177)  
}
```

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(177, 163, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 177) }
```

Border

The CSS property to change the border of an element to Yxy 38.7158, 0.3136, 0.3100 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(177, 163, 177) }
```

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

```
.border{ border-color:rgb(177, 163, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 163, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7158, 0.3136, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 177) }
```

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

```
.background{ background-color: rgb(177,  
163, 177) }
```

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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