

Converting Colors

$Yxy(38.0538, 0.3111, 0.3087)$

Have a look what the booklet for
Yxy(38.0538, 0.3111, 0.3087)
contains.

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Color

Yxy(38.0137, 0.3109, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	AEA2B1
RGB	174, 162, 177
RGB Percent	68%, 64%, 69%
CMY	0.3176, 0.3647, 0.3060
CMYK	0.02, 0.08, 0.00, 0.31
HSL	288°, 9%, 66%
HSV	288°, 8%, 69%
XYZ	38.3094, 38.0137, 46.8979
YIQ	167.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

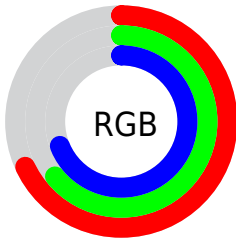
Format	Color
RYB	174, 162, 177
Decimal	11444913
CIELab	68.03, 7.14, -6.16
CIElCh	68, 9.429, 319.205
Yxy	38.0137, 0.3109, 0.3085
Android (android.graphics.Color)	4289634993 (0xFFAEA2B1)
YUV	167.2980, 4.7831, 5.8777
Hunter-Lab	61.6553, 3.0141, -1.9401

Details

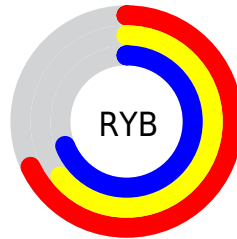
The Yxy color $38.0137, 0.3109, 0.3085$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.0390, 0.3143, 0.3500$, and the grayscale version is $38.7720, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1669, 0.3107, 0.3121$, and $16.7447, 0.3113, 0.3024$ is the 20% darker color. If you saturate the color by 10%, you get $31.8145, 0.3083, 0.2832$, and if you desaturate by 10%, it is $45.1042, 0.3130, 0.3326$.

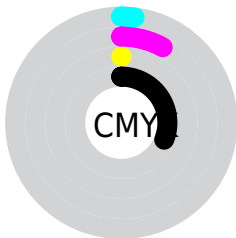
Distribution



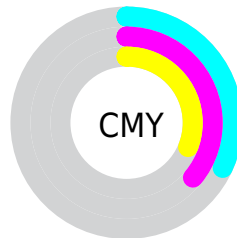
- Red (68%)
- Green (64%)
- Blue (69%)



- Red (68%)
- Yellow (64%)
- Blue (69%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)





- Cyan (32%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0137, 0.3109, 0.3085 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 38.0137, 0.3109, 0.3085 by changing the saturation by 10% instead.


 38.0137, 0.3109,
0.3085


 38.0137, 0.3109,
0.3085


337.6787, 0.3119,
0.3190

 25.9933, 0.3106,
0.3058


 72.1291, 0.3113,
0.3124

 16.8186, 0.3102,
0.3023


 94.9930, 0.3114,
0.3138

 10.1053, 0.3097,
0.2976


122.2401, 0.3115,
0.3150

 5.4688, 0.3089,
0.2909

154.2549, 0.3116,
0.3160

 2.5249, 0.3074,
0.2805

191.4218, 0.3117,
0.3169

 0.8890, 0.3046,
0.2624

234.1251, 0.3118,

 0.0000, 0.0000,

0.3177

0.0000

282.7493, 0.3118,
0.3184

■ 38.0137, 0.3109,
0.3085

■ 38.0137, 0.3109,
0.3085

■ 31.8145, 0.3083,
0.2832

■ 45.1042, 0.3130,
0.3326

■ 26.4651, 0.3052,
0.2572

■ 53.1155, 0.3147,
0.3552

■ 21.9281, 0.3015,
0.2312

■ 62.0817, 0.3160,
0.3761

■ 18.1613, 0.2973,
0.2063

■ 72.0338, 0.3170,
0.3953

■ 15.1188, 0.2927,
0.1833

■ 83.0013, 0.3177,
0.4127

■ 12.7495, 0.2877,
0.1633

■ 86.3057, 0.3195,
0.4164

■ 10.9959, 0.2825,
0.1472

■ 86.7795, 0.3217,
0.4158

■ 9.7906, 0.2773,
0.1355

■ 87.2643, 0.3239,
0.4152

■ 9.0175, 0.2721,
0.1279

■ 87.7602, 0.3262,
0.4146

Harmonies

Analogous

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



38.0137, 0.2975, 0.3051



38.0137, 0.3109, 0.3085



38.0137, 0.3250, 0.3170

Triad

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



38.0137, 0.3109, 0.3085



38.0137, 0.3375, 0.3500



38.0137, 0.2899, 0.3287

Complementary

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



38.0137, 0.3109, 0.3085



42.0390, 0.3143, 0.3500

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.



38.0137, 0.3003, 0.3414



38.0137, 0.3109, 0.3085



38.0137, 0.3277, 0.3538

Square

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



38.0137, 0.3109, 0.3085



38.0137, 0.3406, 0.3407



38.0137, 0.3140, 0.3507



38.0137, 0.2856, 0.3164

Rectangle

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



38.0137, 0.3109, 0.3085



38.0137, 0.3329, 0.3246



38.0137, 0.3140, 0.3507



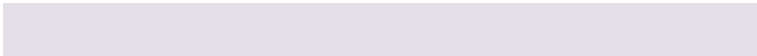
38.0137, 0.2928, 0.3331

Sweetspot

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



38.0153, 0.3109, 0.3085



74.7708, 0.3121, 0.3217



37.7658, 0.2999, 0.3121



15.9851, 0.3119, 0.3198



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.



38.0153, 0.3109, 0.3085



66.0917, 0.3105, 0.3042



38.1842, 0.3176, 0.3147



8.5599, 0.3107, 0.3063



6.4836, 0.2718, 0.1271



0.2257, 0.2863, 0.1351

Inverse Universe

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



37.9029, 0.3244, 0.3249



65.8567, 0.3270, 0.3241



41.8868, 0.3081, 0.3437



8.5319, 0.3257, 0.3245



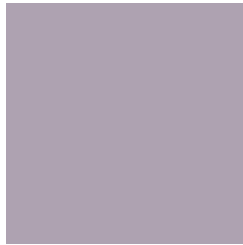
6.8679, 0.6048, 0.3105



0.2242, 0.5310, 0.2699

Previews

White Background



This preview shows how the Yxy color 38.0137, 0.3109, 0.3085 looks on a white background.

Color Contrast Check

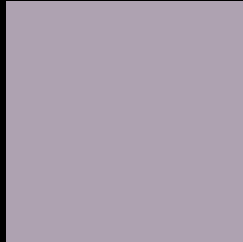
Large Text (above 18pt) WCAG AA × Fail

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 38.0137, 0.3109, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

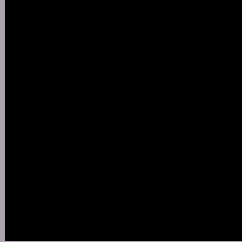
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0137, 0.3109, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 38.0137, 0.3109, 0.3085.



This preview shows how white text looks on a background with the Yxy color 38.0137, 0.3109, 0.3085.

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

38.0137, 0.3109, 0.3085

Protanopia

38.1643, 0.3009, 0.3094

Deuteranopia

38.0112, 0.3137, 0.3073



Tritanopia

37.9345, 0.3126, 0.3111

Trichromacy



Original Color

38.0137, 0.3109, 0.3085

Protanomaly

38.0901, 0.3044, 0.3096

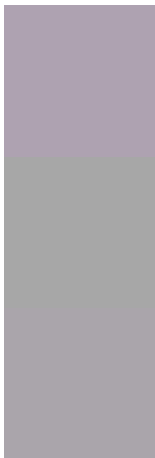
Deuteranomaly

37.8942, 0.3128, 0.3072

Tritanomaly

37.9739, 0.3117, 0.3098

Monochromacy



Original Color

38.0137, 0.3109, 0.3085

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3966, 0.3122, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0137, 0.3109, 0.3085 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(174, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 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(174, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 177) }
```

Border

The CSS property to change the border of an element to Yxy 38.0137, 0.3109, 0.3085 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(174, 162, 177) }
```

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

```
.border{ border-color:rgb(174, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0137, 0.3109, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 177) }
```

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

```
.background{ background-color: rgb(174,  
162, 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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