

Converting Colors

Yxy(38.8706, 0.3145, 0.3097)

Have a look what the booklet for
Yxy(38.8706, 0.3145, 0.3097)
contains.

Yxy(38.8337, 0.3145, 0.3101)	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(38.8337, 0.3145, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	B2A3B1
RGB	178, 163, 177
RGB Percent	70%, 64%, 69%
CMY	0.3021, 0.3607, 0.3059
CMYK	0.00, 0.08, 0.01, 0.30
HSL	304°, 9%, 67%
HSV	304°, 8%, 70%
XYZ	39.3847, 38.8337, 47.0112
YIQ	169.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

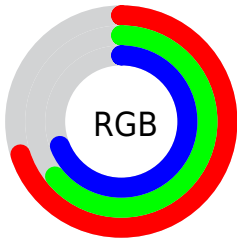
Format	Color
RYB	178, 163, 177
Decimal	11707313
CIELab	68.63, 7.98, -5.25
CIElCh	69, 9.547, 326.659
Yxy	38.8337, 0.3145, 0.3101
Android (android.graphics.Color)	4289897393 (0xFFB2A3B1)
YUV	169.0810, 3.9041, 7.8220
Hunter-Lab	62.3167, 3.7594, -1.1062

Details

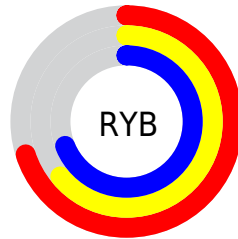
The Yxy color **38.8337, 0.3145, 0.3101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2913, 0.3110, 0.3487**, and the grayscale version is **39.6952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5184, 0.3142, 0.3133**, and **17.1841, 0.3152, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **32.9079, 0.3168, 0.2870**, and if you desaturate by 10%, it is **45.6525, 0.3124, 0.3325**.

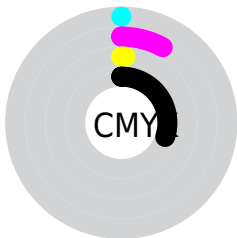
Distribution



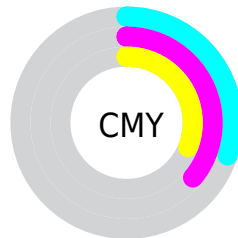
- Red (70%)
- Green (64%)
- Blue (69%)



- Red (70%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (30%)





- Cyan (30%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8337, 0.3145, 0.3101 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 38.8337, 0.3145, 0.3101 by changing the saturation by 10% instead.


 38.8337, 0.3145,
0.3101


 38.8337, 0.3145,
0.3101

341.1829, 0.3136,
0.3197

 26.6304, 0.3147,
0.3076


 73.3842, 0.3142,
0.3136

 17.2958, 0.3150,
0.3045


 96.5002, 0.3141,
0.3149

 10.4456, 0.3153,
0.3002


124.0225, 0.3140,
0.3161

 5.6954, 0.3157,
0.2940

156.3355, 0.3139,
0.3170

 2.6608, 0.3163,
0.2847

193.8237, 0.3138,
0.3178

 0.9573, 0.3170,
0.2684

236.8714, 0.3138,


 0.0000, 0.2005,

0.3185


0.0000


285.8630, 0.3137,
0.3192


 0.0000, 0.0000,
0.0000


 38.8337, 0.3145,
0.3101


 38.8337, 0.3145,
0.3101


 32.9079, 0.3168,
0.2870


 45.6525, 0.3124,
0.3325


 27.8331, 0.3194,
0.2637


 53.3941, 0.3105,
0.3539


 23.5715, 0.3220,
0.2411

 62.0930, 0.3088,
0.3739

 20.0805, 0.3248,
0.2200

 71.7805, 0.3074,
0.3924

 17.3135, 0.3276,
0.2013

 82.4864, 0.3061,
0.4094

■ 15.2190, 0.3303,
0.1859

■ 84.4347, 0.3054,
0.4110

■ 13.7387, 0.3329,
0.1745

■ 84.4828, 0.3048,
0.4096

■ 12.8044, 0.3353,
0.1673

■ 84.5314, 0.3042,
0.4083

■ 12.3003, 0.3374,
0.1638

■ 84.5804, 0.3036,
0.4069

Harmonies

Analogous

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



38.8337, 0.3005, 0.3053



38.8337, 0.3145, 0.3101



38.8337, 0.3283, 0.3197

Triad

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



38.8337, 0.3145, 0.3101



38.8337, 0.3357, 0.3516



38.8337, 0.2881, 0.3254

Complementary

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



38.8337, 0.3145, 0.3101



42.2913, 0.3110, 0.3487

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.



38.8337, 0.2972, 0.3385



38.8337, 0.3145, 0.3101



38.8337, 0.3246, 0.3538

Square

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



38.8337, 0.3145, 0.3101



38.8337, 0.3407, 0.3434



38.8337, 0.3105, 0.3490



38.8337, 0.2855, 0.3137

Rectangle

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



38.8337, 0.3145, 0.3101



38.8337, 0.3354, 0.3276



38.8337, 0.3105, 0.3490



38.8337, 0.2905, 0.3298

Sweetspot

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



38.8354, 0.3145, 0.3101



76.8661, 0.3133, 0.3222



37.2819, 0.3007, 0.3080



16.8100, 0.3135, 0.3204



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.



38.8354, 0.3145, 0.3101



68.4336, 0.3149, 0.3060



38.5538, 0.3209, 0.3198



8.6371, 0.3147, 0.3080



8.7602, 0.3375, 0.1633



0.2784, 0.3324, 0.1605

Inverse Universe

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



38.8354, 0.3145, 0.3101



68.4336, 0.3149, 0.3060



42.5608, 0.3052, 0.3383



8.6371, 0.3147, 0.3080



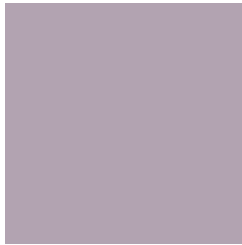
8.7602, 0.3375, 0.1633



0.2784, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 38.8337, 0.3145, 0.3101 looks on a white background.

Color Contrast Check

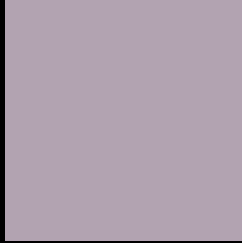
Large Text (above 18pt) WCAG AA × Fail

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 38.8337, 0.3145, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

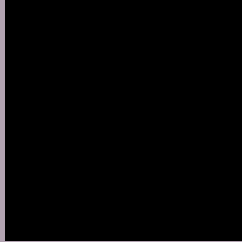
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8337, 0.3145, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 38.8337, 0.3145, 0.3101.



This preview shows how white text looks on a background with the Yxy color 38.8337, 0.3145, 0.3101.

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

38.8337, 0.3145, 0.3101

Protanopia

38.7426, 0.3027, 0.3110

Deuteranopia

38.9524, 0.3155, 0.3101



Tritanopia

38.7940, 0.3154, 0.3114

Trichromacy



Original Color

38.8337, 0.3145, 0.3101

Protanomaly

38.7825, 0.3071, 0.3111

Deuteranomaly

38.9524, 0.3155, 0.3101

Tritanomaly

38.7940, 0.3154, 0.3114

Monochromacy



Original Color

38.8337, 0.3145, 0.3101

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 38.8337, 0.3145, 0.3101 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(178, 163, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 163, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 177) }
```

Border

The CSS property to change the border of an element to Yxy 38.8337, 0.3145, 0.3101 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(178, 163, 177) }
```

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

```
.border{ border-color:rgb(178, 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(178, 163, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8337, 0.3145, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 177) }
```

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

```
.background{ background-color: rgb(178,  
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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