

Converting Colors

$Yxy(38.7363, 0.3144, 0.3136)$

Have a look what the booklet for
Yxy(38.7363, 0.3144, 0.3136)
contains.

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Color

Yxy(38.8762, 0.3144, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	B0A4AF
RGB	176, 164, 175
RGB Percent	69%, 64%, 69%
CMY	0.3096, 0.3569, 0.3137
CMYK	0.00, 0.07, 0.01, 0.31
HSL	305°, 7%, 67%
HSV	305°, 7%, 69%
XYZ	38.9257, 38.8762, 46.0076
YIQ	168.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

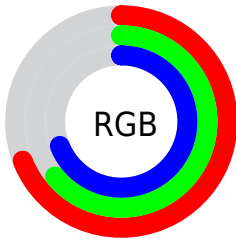
Format	Color
RYB	176, 164, 175
Decimal	11576495
CIELab	68.66, 6.39, -4.11
CIElCh	69, 7.598, 327.243
Yxy	38.8762, 0.3144, 0.3140
Android (android.graphics.Color)	4289766575 (0xFFB0A4AF)
YUV	168.8420, 3.0359, 6.2776
Hunter-Lab	62.3508, 2.3241, -0.1036

Details

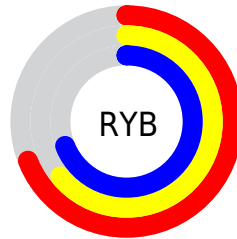
The Yxy color $38.8762, 0.3144, 0.3140$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.6797, 0.3111, 0.3445$, and the grayscale version is $39.5809, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5320, 0.3147, 0.3174$, and $17.2294, 0.3137, 0.3082$ is the 20% darker color. If you saturate the color by 10%, you get $32.9472, 0.3171, 0.2915$, and if you desaturate by 10%, it is $45.6815, 0.3120, 0.3357$.

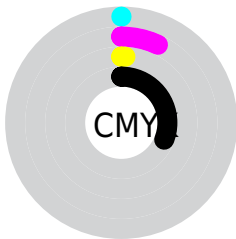
Distribution



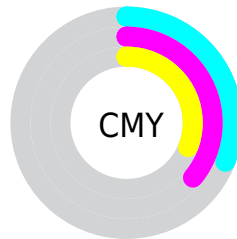
- Red (69%)
- Green (64%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (31%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8762, 0.3144, 0.3140 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 38.8762, 0.3144, 0.3140 by changing the saturation by 10% instead.


 38.8762, 0.3144,
0.3140


 38.8762, 0.3144,
0.3140


341.3639, 0.3136,
0.3217

 26.6634, 0.3146,
0.3120


 73.4492, 0.3141,
0.3168

 17.3206, 0.3149,
0.3095


 96.5781, 0.3140,
0.3179

 10.4633, 0.3152,
0.3060

124.1146, 0.3139,
0.3187

 5.7072, 0.3157,
0.3011

156.4431, 0.3138,
0.3195

 2.6679, 0.3163,
0.2935

193.9478, 0.3137,
0.3201

 0.9609, 0.3173,
0.2802

237.0133, 0.3137,

 0.0000, 0.1072,

0.3207

0.0000

286.0238, 0.3136,
0.3212

■ 0.0000, 0.0000,
0.0000

■ 38.8762, 0.3144,
0.3140

■ 38.8762, 0.3144,
0.3140

■ 32.9472, 0.3171,
0.2915

■ 45.6815, 0.3120,
0.3357

■ 27.8539, 0.3201,
0.2687

■ 53.3915, 0.3099,
0.3563

■ 23.5597, 0.3233,
0.2464

■ 62.0399, 0.3080,
0.3756

■ 20.0238, 0.3267,
0.2254

■ 71.6568, 0.3064,
0.3934

■ 17.2014, 0.3302,
0.2065

■ 82.2711, 0.3050,
0.4097

■ 15.0433, 0.3337,
0.1908

■ 84.2258, 0.3041,
0.4108

■ 13.4938, 0.3371,
0.1789

■ 84.2907, 0.3033,
0.4090

■ 12.4883, 0.3403,
0.1713

■ 84.3563, 0.3025,
0.4071

■ 11.9353, 0.3432,
0.1677

■ 84.4226, 0.3017,
0.4053

Harmonies

Analogous

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



38.8762, 0.3032, 0.3101



38.8762, 0.3144, 0.3140



38.8762, 0.3253, 0.3217

Triad

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



38.8762, 0.3144, 0.3140



38.8762, 0.3309, 0.3471



38.8762, 0.2930, 0.3260

Complementary

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



38.8762, 0.3144, 0.3140



41.6797, 0.3111, 0.3445

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.



38.8762, 0.3002, 0.3364



38.8762, 0.3144, 0.3140



38.8762, 0.3220, 0.3487

Square

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



38.8762, 0.3144, 0.3140



38.8762, 0.3349, 0.3407



38.8762, 0.3107, 0.3447



38.8762, 0.2910, 0.3168

Rectangle

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



38.8762, 0.3144, 0.3140



38.8762, 0.3309, 0.3281



38.8762, 0.3107, 0.3447



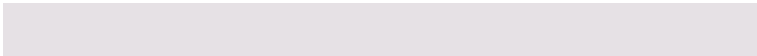
38.8762, 0.2949, 0.3295

Sweetspot

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



38.8779, 0.3144, 0.3140



76.2049, 0.3132, 0.3246



37.6822, 0.3033, 0.3121



16.5444, 0.3132, 0.3248



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.



38.8779, 0.3144, 0.3140



68.9942, 0.3147, 0.3111



38.6480, 0.3196, 0.3221



8.6337, 0.3150, 0.3085



8.6553, 0.3438, 0.1668



0.2761, 0.3367, 0.1629

Inverse Universe

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



38.8779, 0.3144, 0.3140



68.9942, 0.3147, 0.3111



41.9028, 0.3063, 0.3360



8.6337, 0.3150, 0.3085



8.6553, 0.3438, 0.1668



0.2761, 0.3367, 0.1629

Previews

White Background



This preview shows how the Yxy color 38.8762, 0.3144, 0.3140 looks on a white background.

Color Contrast Check

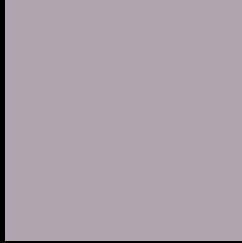
Large Text (above 18pt) WCAG AA × Fail

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 38.8762, 0.3144, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

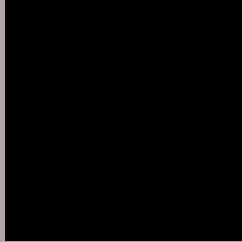
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8762, 0.3144, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 38.8762, 0.3144, 0.3140.



This preview shows how white text looks on a background with the Yxy color 38.8762, 0.3144, 0.3140.

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

38.8762, 0.3144, 0.3140

Protanopia

39.1366, 0.3052, 0.3151

Deuteranopia

38.9928, 0.3182, 0.3128



Tritanopia

38.9554, 0.3126, 0.3113

Trichromacy



Original Color

38.8762, 0.3144, 0.3140

Protanomaly

39.0650, 0.3088, 0.3152

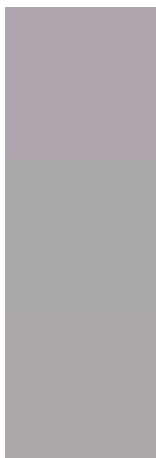
Deuteranomaly

38.8732, 0.3172, 0.3128

Tritanomaly

38.9156, 0.3135, 0.3127

Monochromacy



Original Color

38.8762, 0.3144, 0.3140

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3484, 0.3139, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8762, 0.3144, 0.3140 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(176, 164, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 175)  
}
```

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(176, 164, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 175) }
```

Border

The CSS property to change the border of an element to Yxy 38.8762, 0.3144, 0.3140 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(176, 164, 175) }
```

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

```
.border{ border-color:rgb(176, 164, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 164, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8762, 0.3144, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 175) }
```

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

```
.background{ background-color: rgb(176,  
164, 175) }
```

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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