

Converting Colors

Yxy(38.0958, 0.3149, 0.3118)

Have a look what the booklet for
Yxy(38.0958, 0.3149, 0.3118)
contains.

Yxy(38.1268, 0.3154, 0.3126)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.1268, 0.3154, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	B0A2AE
RGB	176, 162, 174
RGB Percent	69%, 64%, 68%
CMY	0.3097, 0.3647, 0.3177
CMYK	0.00, 0.08, 0.01, 0.31
HSL	309°, 8%, 66%
HSV	309°, 8%, 69%
XYZ	38.4683, 38.1268, 45.3716
YIQ	167.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

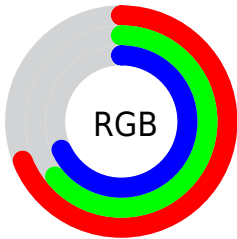
Format	Color
RYB	176, 162, 174
Decimal	11575982
CIELab	68.11, 7.29, -4.36
CIELCh	68, 8.494, 329.114
Yxy	38.1268, 0.3154, 0.3126
Android (android.graphics.Color)	4289766062 (0xFFB0A2AE)
YUV	167.5540, 3.1779, 7.4071
Hunter-Lab	61.7469, 3.1484, -0.3435

Details

The Yxy color **38.1268, 0.3154, 0.3126** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4234, 0.3101, 0.3460**, and the grayscale version is **38.9126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4387, 0.3155, 0.3164**, and **16.7680, 0.3151, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **32.2565, 0.3192, 0.2914**, and if you desaturate by 10%, it is **44.8704, 0.3121, 0.3331**.

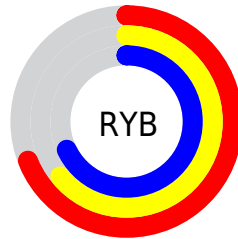
Distribution



Red (69%)

Green (64%)

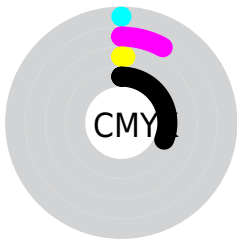
Blue (68%)



Red (69%)

Yellow (64%)

Blue (68%)

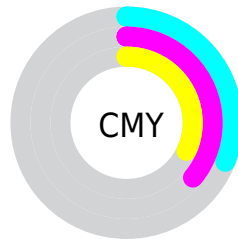


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1268, 0.3154, 0.3126 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 38.1268, 0.3154, 0.3126 by changing the saturation by 10% instead.


 38.1268, 0.3154,
0.3126

 38.1268, 0.3154,
0.3126


338.1636, 0.3141,
0.3210

 26.0811, 0.3157,
0.3104


 72.3024, 0.3149,
0.3157

 16.8843, 0.3162,
0.3076

 95.2012, 0.3147,
0.3168

 10.1521, 0.3167,
0.3038


122.4864, 0.3146,
0.3178

 5.4999, 0.3175,
0.2984

154.5425, 0.3144,
0.3186

 2.5434, 0.3187,
0.2900

191.7539, 0.3143,
0.3193

 0.8983, 0.3206,
0.2752

234.5050, 0.3142,

 0.0000, 0.0000,

0.3200

0.0000


283.1800, 0.3141,
0.3205


 38.1268, 0.3154,
0.3126

 38.1268, 0.3154,
0.3126

 32.2565, 0.3192,
0.2914


 44.8704, 0.3121,
0.3331


 27.2186, 0.3235,
0.2699


 52.5161, 0.3092,
0.3525


 22.9764, 0.3282,
0.2488

 61.0975, 0.3067,
0.3706

 19.4886, 0.3333,
0.2289

 70.6450, 0.3046,
0.3874

 16.7100, 0.3387,
0.2111

 81.1878, 0.3029,
0.4028

■ 14.5908, 0.3442,
0.1964

■ 84.4404, 0.3014,
0.4047

■ 13.0744, 0.3498,
0.1856

■ 84.5524, 0.3001,
0.4017

■ 12.0951, 0.3551,
0.1791

■ 84.6664, 0.2988,
0.3986

■ 11.5460, 0.3601,
0.1766

■ 84.7824, 0.2974,
0.3956

Harmonies

Analogous

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



38.1268, 0.3028, 0.3079



38.1268, 0.3154, 0.3126



38.1268, 0.3275, 0.3215

Triad

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



38.1268, 0.3154, 0.3126



38.1268, 0.3327, 0.3496



38.1268, 0.2902, 0.3249

Complementary

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



38.1268, 0.3154, 0.3126



41.4234, 0.3101, 0.3460

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.



38.1268, 0.2979, 0.3366



38.1268, 0.3154, 0.3126



38.1268, 0.3224, 0.3511

Square

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



38.1268, 0.3154, 0.3126



38.1268, 0.3376, 0.3427



38.1268, 0.3097, 0.3463



38.1268, 0.2884, 0.3147

Rectangle

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



38.1268, 0.3154, 0.3126



38.1268, 0.3336, 0.3287



38.1268, 0.3097, 0.3463



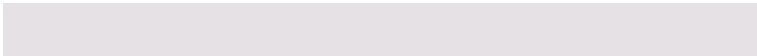
38.1268, 0.2922, 0.3288

Sweetspot

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



38.1284, 0.3154, 0.3126



76.1901, 0.3134, 0.3249



36.8537, 0.3024, 0.3092



16.5413, 0.3133, 0.3251



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.



38.1284, 0.3154, 0.3126



66.6488, 0.3162, 0.3080



37.8680, 0.3215, 0.3219



8.6251, 0.3159, 0.3098



8.4062, 0.3606, 0.1760



0.2703, 0.3480, 0.1691

Inverse Universe

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



38.1284, 0.3154, 0.3126



66.6488, 0.3162, 0.3080



41.6777, 0.3047, 0.3362



8.6251, 0.3159, 0.3098



8.4062, 0.3606, 0.1760



0.2703, 0.3480, 0.1691

Previews

White Background



This preview shows how the Yxy color 38.1268, 0.3154, 0.3126 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 38.1268, 0.3154, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

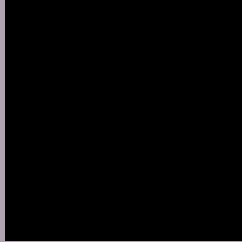
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1268, 0.3154, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 38.1268, 0.3154, 0.3126.



This preview shows how white text looks on a background with the Yxy color 38.1268, 0.3154, 0.3126.

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

38.1268, 0.3154, 0.3126

Protanopia

38.1518, 0.3043, 0.3136

Deuteranopia

38.0107, 0.3173, 0.3113



Tritanopia

38.1659, 0.3145, 0.3113

Trichromacy



Original Color

38.1268, 0.3154, 0.3126

Protanomaly

38.1921, 0.3088, 0.3137

Deuteranomaly

37.8928, 0.3164, 0.3113

Tritanomaly

38.1659, 0.3145, 0.3113

Monochromacy



Original Color

38.1268, 0.3154, 0.3126

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8326, 0.3139, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1268, 0.3154, 0.3126 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, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 174)  
}
```

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, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.1268, 0.3154, 0.3126 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, 162, 174) }
```

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

```
.border{ border-color:rgb(176, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1268, 0.3154, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 174) }
```

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

```
.background{ background-color: rgb(176,  
162, 174) }
```

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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