

Converting Colors

$Yxy(38.8336, 0.2879, 0.3289)$

Have a look what the booklet for
Yxy(38.8336, 0.2879, 0.3289)
contains.

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Color

Yxy(38.8336, 0.2879, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	90ADAD
RGB	144, 173, 173
RGB Percent	56%, 68%, 68%
CMY	0.4352, 0.3216, 0.3215
CMYK	0.17, 0.00, 0.00, 0.32
HSL	180°, 15%, 62%
HSV	180°, 17%, 68%
XYZ	33.9927, 38.8336, 45.2449
YIQ	164.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

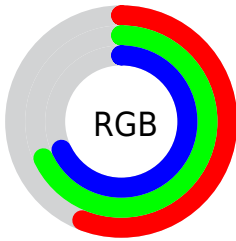
Format	Color
RYB	144, 159, 173
Decimal	9481645
CIELab	68.63, -9.88, -3.33
CIELCh	69, 10.423, 198.634
Yxy	38.8336, 0.2879, 0.3289
Android (android.graphics.Color)	4287671725 (0xFF90ADAD)
YUV	164.3290, 4.2748, -17.8285
Hunter-Lab	62.3166, -11.6853, 0.5742

Details

The Yxy color **38.8336, 0.2879, 0.3289** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8612, 0.3440, 0.3291**, and the grayscale version is **37.2782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0940, 0.2927, 0.3289**, and **17.3824, 0.2801, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **37.3906, 0.2744, 0.3288**, and if you desaturate by 10%, it is **40.5186, 0.3025, 0.3290**.

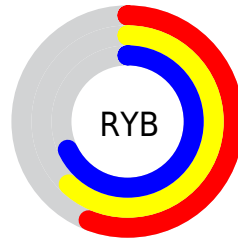
Distribution



Red (56%)

Green (68%)

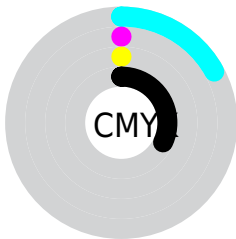
Blue (68%)



Red (56%)

Yellow (62%)

Blue (68%)

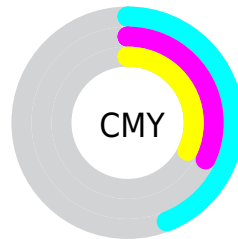


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (44%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8336, 0.2879, 0.3289 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 38.8336, 0.2879, 0.3289 by changing the saturation by 10% instead.

 38.8336, 0.2879,
0.3289


 38.8336, 0.2879,
0.3289


341.1825, 0.3006,
0.3291

 26.6303, 0.2846,
0.3288


 73.3840, 0.2926,
0.3290

 17.2958, 0.2804,
0.3287


 96.5000, 0.2943,
0.3290

 10.4456, 0.2746,
0.3285


124.0223, 0.2958,
0.3290

 5.6954, 0.2662,
0.3281

156.3353, 0.2970,
0.3290

 2.6608, 0.2533,
0.3273

193.8234, 0.2981,
0.3291

 0.9573, 0.2275,
0.3265

236.8711, 0.2991,

 0.0000, 0.0000,

0.3291

0.0000

285.8626, 0.2999,
0.3291

■ 38.8336, 0.2879,
0.3289

■ 38.8336, 0.2879,
0.3289

■ 37.3906, 0.2744,
0.3288

■ 40.5186, 0.3025,
0.3290

■ 36.1739, 0.2622,
0.3288

■ 42.4508, 0.3177,
0.3290

■ 35.1735, 0.2515,
0.3287

■ 44.6416, 0.3335,
0.3291

■ 34.3767, 0.2426,
0.3287

■ 47.0998, 0.3494,
0.3291

■ 33.7694, 0.2355,
0.3287

■ 49.8342, 0.3653,
0.3292

■ 33.3358, 0.2303,
0.3286

■ 52.8530, 0.3810,
0.3292

■ 33.0576, 0.2269,
0.3286

■ 54.1898, 0.3873,
0.3293

■ 32.9089, 0.2251,
0.3286

■ 54.1937, 0.3873,
0.3293

■ 32.8713, 0.2246,
0.3286

■ 54.1975, 0.3873,
0.3293

Harmonies

Analogous

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



38.8336, 0.2993, 0.3429



38.8336, 0.2879, 0.3289



38.8336, 0.2831, 0.3153

Triad

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



38.8336, 0.2879, 0.3289



38.8336, 0.3104, 0.3064



38.8336, 0.3401, 0.3518

Complementary

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



38.8336, 0.2879, 0.3289



30.8612, 0.3440, 0.3291

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.



38.8336, 0.3433, 0.3415



38.8336, 0.2879, 0.3289



38.8336, 0.3259, 0.3157

Square

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



38.8336, 0.2879, 0.3289



38.8336, 0.2958, 0.3029



38.8336, 0.3381, 0.3283



38.8336, 0.3294, 0.3562

Rectangle

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



38.8336, 0.2879, 0.3289



38.8336, 0.2841, 0.3085



38.8336, 0.3381, 0.3283



38.8336, 0.3421, 0.3489

Sweetspot

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



38.8352, 0.2879, 0.3289



73.0997, 0.3050, 0.3290



37.8386, 0.3106, 0.3733



15.8377, 0.3039, 0.3290



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.8352, 0.2879, 0.3289



68.5620, 0.2829, 0.3289



33.5818, 0.2869, 0.3072



9.0713, 0.2987, 0.3289



24.1454, 0.2246, 0.3286



0.6719, 0.2246, 0.3286

Inverse Universe

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



31.8585, 0.3146, 0.2884



53.7625, 0.3151, 0.2795



35.5323, 0.3406, 0.3499



8.1480, 0.3138, 0.3067



8.7405, 0.3211, 0.1542



0.2432, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 38.8336, 0.2879, 0.3289 looks on a white background.

Color Contrast Check

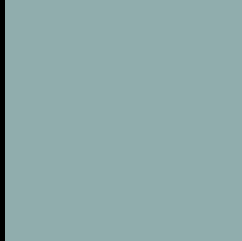
Large Text (above 18pt) WCAG AA × Fail

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 38.8336, 0.2879, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

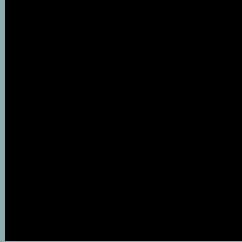
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

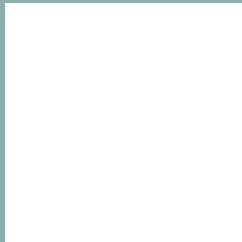
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8336, 0.2879, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 38.8336, 0.2879, 0.3289.

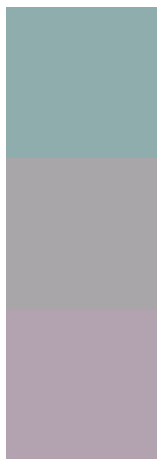


This preview shows how white text looks on a background with the Yxy color 38.8336, 0.2879, 0.3289.

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

38.8336, 0.2879, 0.3289

Protanopia

38.5720, 0.3129, 0.3248

Deuteranopia

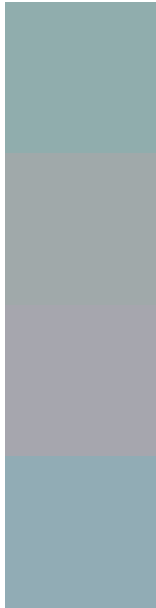
38.5195, 0.3173, 0.3114



Tritanopia

38.7396, 0.2804, 0.3088

Trichromacy



Original Color

38.8336, 0.2879, 0.3289

Protanomaly

38.7518, 0.3038, 0.3275

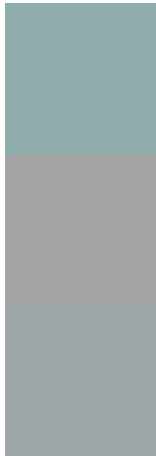
Deuteranomaly

38.4354, 0.3059, 0.3178

Tritanomaly

38.8610, 0.2826, 0.3159

Monochromacy



Original Color

38.8336, 0.2879, 0.3289

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.5956, 0.3036, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8336, 0.2879, 0.3289 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(144, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(144, 173, 173)  
}
```

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(144, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 173, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.8336, 0.2879, 0.3289 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(144, 173, 173) }
```

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

```
.border{ border-color:rgb(144, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(144, 173,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8336, 0.2879, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 173, 173) }
```

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

```
.background{ background-color: rgb(144,  
173, 173) }
```

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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