

Converting Colors

$Yxy(38.6227, 0.2977, 0.3633)$

Have a look what the booklet for
Yxy(38.6227, 0.2977, 0.3633)
contains.

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Color

Yxy(38.7538, 0.2983, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	8AB099
RGB	138, 176, 153
RGB Percent	54%, 69%, 60%
CMY	0.4588, 0.3098, 0.3999
CMYK	0.22, 0.00, 0.13, 0.31
HSL	144°, 19%, 62%
HSV	144°, 22%, 69%
XYZ	31.7590, 38.7538, 35.9537
YIQ	162.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

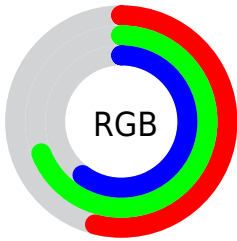
Format	Color
RYB	138, 165, 176
Decimal	9089177
CIELab	68.57, -17.58, 7.58
CIELCh	69, 19.141, 156.679
Yxy	38.7538, 0.2983, 0.3640
Android (android.graphics.Color)	4287279257 (0xFF8AB099)
YUV	162.0160, -4.4449, -21.0620
Hunter-Lab	62.2526, -17.8779, 9.3341

Details

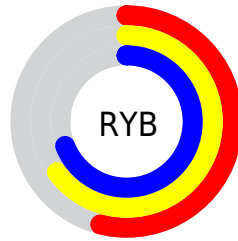
The Yxy color **38.7538, 0.2983, 0.3640** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9825, 0.3305, 0.2964**, and the grayscale version is **36.1679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4247, 0.3014, 0.3578**, and **17.1515, 0.2932, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **37.0375, 0.2921, 0.3831**, and if you desaturate by 10%, it is **40.7480, 0.3049, 0.3467**.

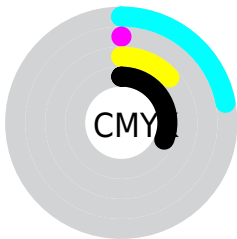
Distribution



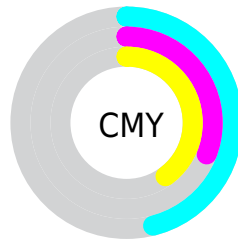
- Red (54%)
- Green (69%)
- Blue (60%)



- Red (54%)
- Yellow (65%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)





- Cyan (46%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7538, 0.2983, 0.3640 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 38.7538, 0.2983, 0.3640 by changing the saturation by 10% instead.


 38.7538, 0.2983,
0.3640


 38.7538, 0.2983,
0.3640


340.8426, 0.3059,
0.3455

 26.5683, 0.2962,
0.3690


 73.2621, 0.3012,
0.3570

 17.2492, 0.2935,
0.3755

 96.3536, 0.3022,
0.3545

 10.4123, 0.2897,
0.3847

 123.8492, 0.3031,
0.3524

 5.6732, 0.2839,
0.3984

156.1333, 0.3039,
0.3506

 2.6474, 0.2745,
0.4208

193.5903, 0.3045,
0.3491

 0.9506, 0.2454,
0.4933

236.6046, 0.3050,

 0.0000, 0.0000,

0.3477

0.0000

285.5606, 0.3055,
0.3466

■ 38.7538, 0.2983,
0.3640

■ 38.7538, 0.2983,
0.3640

■ 37.0375, 0.2921,
0.3831

■ 40.7480, 0.3049,
0.3467

■ 35.5817, 0.2865,
0.4039

■ 43.0269, 0.3116,
0.3313

■ 34.3745, 0.2820,
0.4261

■ 45.6032, 0.3184,
0.3176

■ 33.4012, 0.2787,
0.4492

■ 48.4873, 0.3250,
0.3056

■ 32.6453, 0.2770,
0.4726

■ 51.6890, 0.3314,
0.2950

■ 32.0883, 0.2771,
0.4954

■ 55.2178, 0.3375,
0.2858

■ 31.7081, 0.2790,
0.5169

■ 57.8860, 0.3381,
0.2768

■ 31.4873, 0.2815,
0.5334

■ 58.4938, 0.3295,
0.2668

■ 59.1387, 0.3211,
0.2572

Harmonies

Analogous

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



38.7538, 0.3267, 0.3783



38.7538, 0.2983, 0.3640



38.7538, 0.2745, 0.3391

Triad

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



38.7538, 0.2983, 0.3640



38.7538, 0.2734, 0.2824



38.7538, 0.3674, 0.3415

Complementary

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



38.7538, 0.2983, 0.3640



29.9825, 0.3305, 0.2964

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.



38.7538, 0.3518, 0.3178



38.7538, 0.2983, 0.3640



38.7538, 0.2968, 0.2847

Square

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



38.7538, 0.2983, 0.3640



38.7538, 0.2606, 0.2920



38.7538, 0.3256, 0.2974



38.7538, 0.3674, 0.3634

Rectangle

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



38.7538, 0.2983, 0.3640



38.7538, 0.2641, 0.3209



38.7538, 0.3256, 0.2974



38.7538, 0.3638, 0.3335

Sweetspot

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



38.7554, 0.2983, 0.3640



76.1032, 0.3086, 0.3380



40.5084, 0.3310, 0.3842



16.4363, 0.3082, 0.3390



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.



38.7554, 0.2983, 0.3640



68.7116, 0.2952, 0.3731



39.4166, 0.2844, 0.3355



9.5439, 0.3064, 0.3431



23.1137, 0.2810, 0.5315



0.7389, 0.2647, 0.4728

Inverse Universe

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



29.9825, 0.3305, 0.2964



49.8783, 0.3355, 0.2888



29.3762, 0.3505, 0.3227



8.5887, 0.3196, 0.3153



7.5543, 0.4498, 0.2251



0.2488, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 38.7538, 0.2983, 0.3640 looks on a white background.

Color Contrast Check

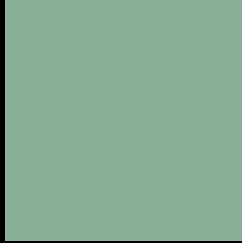
Large Text (above 18pt) WCAG AA × Fail

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 38.7538, 0.2983, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

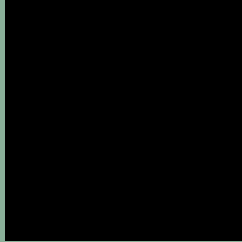
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7538, 0.2983, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 38.7538, 0.2983, 0.3640.



This preview shows how white text looks on a background with the Yxy color 38.7538, 0.2983, 0.3640.

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

38.7538, 0.2983, 0.3640

Protanopia

38.4092, 0.3363, 0.3545

Deuteranopia

38.4548, 0.3427, 0.3358



Tritanopia

38.5579, 0.2788, 0.3087

Trichromacy



Original Color

38.7538, 0.2983, 0.3640

Protanomaly

38.5285, 0.3214, 0.3582

Deuteranomaly

38.0740, 0.3252, 0.3447

Tritanomaly

38.6551, 0.2863, 0.3289

Monochromacy



Original Color

38.7538, 0.2983, 0.3640

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9129, 0.3067, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7538, 0.2983, 0.3640 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(138, 176, 153)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 153)  
}
```

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(138, 176, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.7538, 0.2983, 0.3640 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(138, 176, 153) }
```

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

```
.border{ border-color:rgb(138, 176, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 176, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 176, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 176, 153);  
box-shadow:4px 4px 4px 4px rgb(138, 176,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7538, 0.2983, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 153) }
```

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

```
.background{ background-color: rgb(138,  
176, 153) }
```

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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