

Converting Colors

$Yxy(38.0968, 0.2978, 0.3447)$

Have a look what the booklet for
Yxy(38.0968, 0.2978, 0.3447)
contains.

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Color

Yxy(38.0980, 0.2979, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	91ACA1
RGB	145, 172, 161
RGB Percent	57%, 67%, 63%
CMY	0.4315, 0.3254, 0.3686
CMYK	0.16, 0.00, 0.06, 0.33
HSL	156°, 14%, 62%
HSV	156°, 16%, 67%
XYZ	32.8587, 38.0980, 39.3444
YIQ	162.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

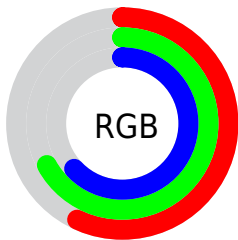
Format	Color
RYB	145, 162, 172
Decimal	9546913
CIELab	68.09, -11.55, 2.53
CIELCh	68, 11.824, 167.622
Yxy	38.0980, 0.2979, 0.3454
Android (android.graphics.Color)	4287736993 (0xFF91ACA1)
YUV	162.6730, -0.8248, -15.4992
Hunter-Lab	61.7236, -12.9913, 5.4133

Details

The Yxy color **38.0980, 0.2979, 0.3454** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.4116, 0.3303, 0.3132**, and the grayscale version is **36.4704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0382, 0.3006, 0.3414**, and **16.9384, 0.2925, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **36.4139, 0.2890, 0.3573**, and if you desaturate by 10%, it is **40.0357, 0.3073, 0.3347**.

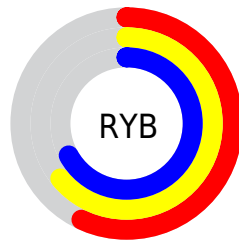
Distribution



Red (57%)

Green (67%)

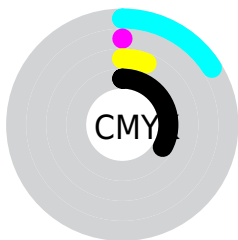
Blue (63%)



Red (57%)

Yellow (64%)

Blue (67%)

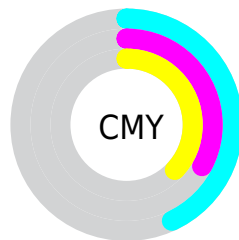


Cyan (16%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (43%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0980, 0.2979, 0.3454 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 38.0980, 0.2979, 0.3454 by changing the saturation by 10% instead.


 38.0980, 0.2979,
0.3454

 38.0980, 0.2979,
0.3454


338.0402, 0.3056,
0.3368

 26.0588, 0.2959,
0.3477


 72.2583, 0.3008,
0.3422

 16.8676, 0.2932,
0.3507


 95.1482, 0.3018,
0.3410

 10.1401, 0.2895,
0.3548


122.4237, 0.3027,
0.3400

 5.4920, 0.2842,
0.3609

154.4693, 0.3035,
0.3392

 2.5387, 0.2756,
0.3707

191.6694, 0.3041,
0.3385

 0.8960, 0.2516,
0.3958

234.4083, 0.3047,

 0.0000, 0.0000,

0.3379

0.0000

283.0704, 0.3052,
0.3373

■ 38.0980, 0.2979,
0.3454

■ 38.0980, 0.2979,
0.3454

■ 36.4139, 0.2890,
0.3573

■ 40.0357, 0.3073,
0.3347

■ 34.9678, 0.2808,
0.3702

■ 42.2323, 0.3168,
0.3250

■ 33.7495, 0.2736,
0.3841

■ 44.6991, 0.3264,
0.3164

■ 32.7466, 0.2678,
0.3989

■ 47.4450, 0.3359,
0.3088

■ 31.9450, 0.2636,
0.4143

■ 50.4788, 0.3452,
0.3021

■ 31.3292, 0.2612,
0.4299

■ 53.8088, 0.3541,
0.2963

■ 30.8811, 0.2608,
0.4456

■ 55.4218, 0.3538,
0.2899

■ 30.5775, 0.2623,
0.4609

■ 55.7782, 0.3477,
0.2830

■ 30.4695, 0.2632,
0.4674

■ 56.1500, 0.3416,
0.2762

Harmonies

Analogous

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



38.0980, 0.3152, 0.3568



38.0980, 0.2979, 0.3454



38.0980, 0.2848, 0.3294

Triad

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



38.0980, 0.2979, 0.3454



38.0980, 0.2929, 0.2992



38.0980, 0.3477, 0.3427

Complementary

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



38.0980, 0.2979, 0.3454



31.4116, 0.3303, 0.3132

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.



38.0980, 0.3414, 0.3276



38.0980, 0.2979, 0.3454



38.0980, 0.3094, 0.3031

Square

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



38.0980, 0.2979, 0.3454



38.0980, 0.2819, 0.3029



38.0980, 0.3272, 0.3134



38.0980, 0.3442, 0.3547

Rectangle

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



38.0980, 0.2979, 0.3454



38.0980, 0.2800, 0.3186



38.0980, 0.3272, 0.3134



38.0980, 0.3466, 0.3378

Sweetspot

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



38.0996, 0.2979, 0.3454



72.8583, 0.3079, 0.3340



38.6440, 0.3210, 0.3690



15.7783, 0.3072, 0.3347



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.



38.0996, 0.2979, 0.3454



67.9508, 0.2946, 0.3496



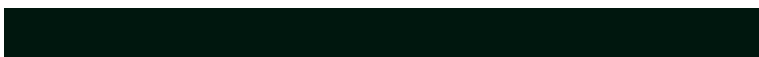
37.6543, 0.2892, 0.3256



9.0161, 0.3039, 0.3384



22.6821, 0.2628, 0.4659



0.6415, 0.2499, 0.4195

Inverse Universe

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



31.4116, 0.3303, 0.3132



53.3990, 0.3352, 0.3093



31.7512, 0.3412, 0.3324



8.0673, 0.3225, 0.3198



6.8658, 0.5312, 0.2700



0.2020, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 38.0980, 0.2979, 0.3454 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 38.0980, 0.2979, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

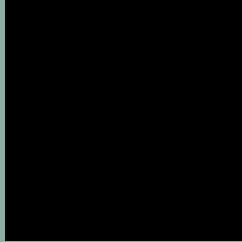
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0980, 0.2979, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 38.0980, 0.2979, 0.3454.

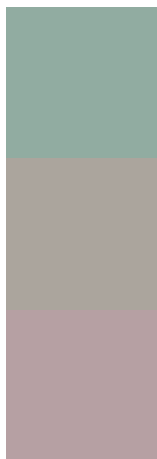


This preview shows how white text looks on a background with the Yxy color 38.0980, 0.2979, 0.3454.

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

38.0980, 0.2979, 0.3454

Protanopia

38.0025, 0.3254, 0.3404

Deuteranopia

37.7310, 0.3314, 0.3250



Tritanopia

38.1429, 0.2849, 0.3103

Trichromacy



Original Color

38.0980, 0.2979, 0.3454

Protanomaly

38.1553, 0.3157, 0.3435

Deuteranomaly

37.5946, 0.3192, 0.3319

Tritanomaly

38.1013, 0.2903, 0.3231

Monochromacy



Original Color

38.0980, 0.2979, 0.3454

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9490, 0.3069, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0980, 0.2979, 0.3454 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(145, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(145, 172, 161)  
}
```

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(145, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 172, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.0980, 0.2979, 0.3454 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(145, 172, 161) }
```

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

```
.border{ border-color:rgb(145, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(145, 172,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0980, 0.2979, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 172, 161) }
```

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

```
.background{ background-color: rgb(145,  
172, 161) }
```

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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