

Converting Colors

$Y_{xy}(38.9597, 0.2929, 0.3412)$

Have a look what the booklet for
Yxy(38.9597, 0.2929, 0.3412)
contains.

Yxy(38.8649, 0.2924, 0.3408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.8649, 0.2924, 0.3408)

Conversions

Conversions Part 1	
Format	Color
Hex	8FAEA6
RGB	143, 174, 166
RGB Percent	56%, 68%, 65%
CMY	0.4393, 0.3176, 0.3489
CMYK	0.18, 0.00, 0.05, 0.32
HSL	165°, 16%, 62%
HSV	165°, 18%, 68%
XYZ	33.3454, 38.8649, 41.8299
YIQ	163.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

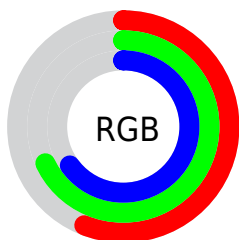
Format	Color
RYB	143, 161, 174
Decimal	9416358
CIELab	68.65, -12.24, 0.56
CIELCh	69, 12.254, 177.369
Yxy	38.8649, 0.2924, 0.3408
Android (android.graphics.Color)	4287606438 (0xFF8FAEA6)
YUV	163.8190, 1.0752, -18.2583
Hunter-Lab	62.3417, -13.6219, 3.8569

Details

The Yxy color $38.8649, 0.2924, 0.3408$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $30.8717, 0.3380, 0.3175$, and the grayscale version is $37.0339, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.6844, 0.2963, 0.3391$, and $17.4093, 0.2863, 0.3458$ is the 20% darker color. If you saturate the color by 10%, you get $37.2708, 0.2819, 0.3483$, and if you desaturate by 10%, it is $40.7088, 0.3036, 0.3339$.

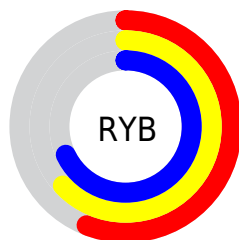
Distribution



Red (56%)

Green (68%)

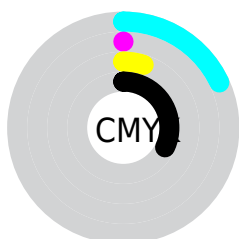
Blue (65%)



Red (56%)

Yellow (63%)

Blue (68%)

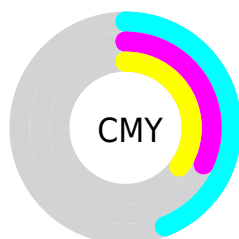


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (32%)



Cyan (44%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8649, 0.2924, 0.3408 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 38.8649, 0.2924, 0.3408 by changing the saturation by 10% instead.


 38.8649, 0.2924,
0.3408


 38.8649, 0.2924,
0.3408


341.3158, 0.3029,
0.3347

 26.6546, 0.2897,
0.3424


 73.4319, 0.2963,
0.3385

 17.3140, 0.2861,
0.3445


 96.5574, 0.2977,
0.3377

 10.4586, 0.2813,
0.3473


124.0901, 0.2989,
0.3370

 5.7041, 0.2743,
0.3514

156.4145, 0.2999,
0.3364

 2.6660, 0.2632,
0.3579

193.9148, 0.3008,
0.3359

 0.9600, 0.2375,
0.3727


236.9755, 0.3016,


 0.0000, 0.0000,


0.3355


0.0000


285.9811, 0.3023,
0.3351


 38.8649, 0.2924,
0.3408

 38.8649, 0.2924,
0.3408


 37.2708, 0.2819,
0.3483


 40.7088, 0.3036,
0.3339


 35.9106, 0.2723,
0.3564


 42.8082, 0.3153,
0.3277

 34.7738, 0.2640,
0.3650


 45.1743, 0.3271,
0.3221

 33.8474, 0.2571,
0.3741


 47.8166, 0.3389,
0.3172


 33.1170, 0.2521,
0.3834


 50.7437, 0.3506,
0.3128


 32.5662, 0.2489,
0.3929


 53.9643, 0.3621,
0.3089


 32.1760, 0.2477,
0.4025

 55.5830, 0.3647,
0.3048

 31.9159, 0.2482,
0.4119

 55.7919, 0.3606,
0.3002

 31.8655, 0.2483,
0.4140

 56.0070, 0.3567,
0.2957

Harmonies

Analogous

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



38.8649, 0.3093, 0.3547



38.8649, 0.2924, 0.3408



38.8649, 0.2811, 0.3239

Triad

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



38.8649, 0.2924, 0.3408



38.8649, 0.2974, 0.2988



38.8649, 0.3487, 0.3476

Complementary

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



38.8649, 0.2924, 0.3408



30.8717, 0.3380, 0.3175

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.



38.8649, 0.3454, 0.3327



38.8649, 0.2924, 0.3408



38.8649, 0.3154, 0.3052

Square

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



38.8649, 0.2924, 0.3408



38.8649, 0.2839, 0.3001



38.8649, 0.3330, 0.3174



38.8649, 0.3420, 0.3582

Rectangle

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



38.8649, 0.2924, 0.3408



38.8649, 0.2780, 0.3134



38.8649, 0.3330, 0.3174



38.8649, 0.3487, 0.3429

Sweetspot

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



38.8665, 0.2924, 0.3408



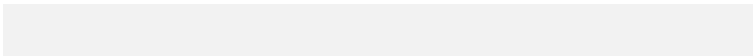
74.8327, 0.3068, 0.3322



38.8609, 0.3179, 0.3754



16.5760, 0.3060, 0.3326



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.



38.8665, 0.2924, 0.3408



69.4192, 0.2886, 0.3434



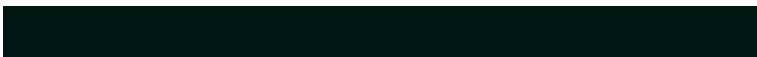
36.4463, 0.2858, 0.3182



9.0363, 0.3019, 0.3349



23.1203, 0.2480, 0.4130



0.6514, 0.2401, 0.3844

Inverse Universe

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



30.8717, 0.3380, 0.3175



52.4657, 0.3442, 0.3151



32.8649, 0.3446, 0.3396



8.0479, 0.3247, 0.3232



6.6715, 0.5868, 0.3006



0.1945, 0.5021, 0.2539

Previews

White Background



This preview shows how the Yxy color 38.8649, 0.2924, 0.3408 looks on a white background.

Color Contrast Check

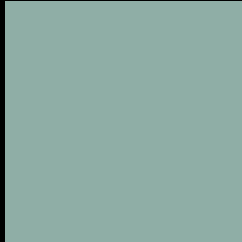
Large Text (above 18pt) WCAG AA × Fail

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 38.8649, 0.2924, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

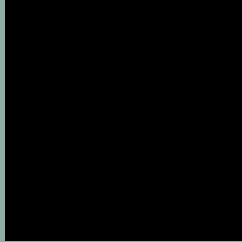
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8649, 0.2924, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 38.8649, 0.2924, 0.3408.



This preview shows how white text looks on a background with the Yxy color 38.8649, 0.2924, 0.3408.

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

38.8649, 0.2924, 0.3408

Protanopia

38.5390, 0.3209, 0.3346

Deuteranopia

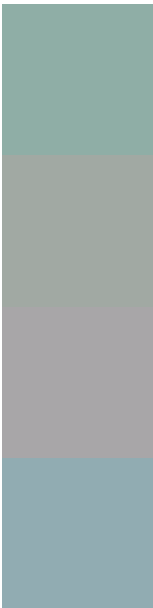
38.6503, 0.3255, 0.3196



Tritanopia

38.7396, 0.2804, 0.3088

Trichromacy



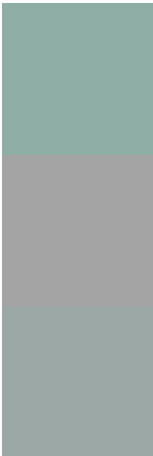
Original Color
38.8649, 0.2924, 0.3408

Protanomaly
38.5973, 0.3105, 0.3376

Deuteranomaly
38.4244, 0.3128, 0.3262

Tritanomaly
38.7391, 0.2849, 0.3202

Monochromacy



Original Color
38.8649, 0.2924, 0.3408

Achromatopsia
37.1238, 0.3127, 0.3290

Achromatomaly
37.7898, 0.3044, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8649, 0.2924, 0.3408 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(143, 174, 166) looks like.

```
.text, #text, p{  
    color:rgb(143, 174, 166)  
}
```

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(143, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 174, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.8649, 0.2924, 0.3408 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(143, 174, 166) }
```

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

```
.border{ border-color:rgb(143, 174, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 174, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 174,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8649, 0.2924, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 174, 166) }
```

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

```
.background{ background-color: rgb(143,  
174, 166) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor