

Converting Colors

$Y_{xy}(38.5262, 0.2985, 0.3620)$

Have a look what the booklet for
Yxy(38.5262, 0.2985, 0.3620)
contains.

Yxy(38.4820, 0.2984, 0.3609)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4820, 0.2984, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	8BAF9A
RGB	139, 175, 154
RGB Percent	55%, 69%, 60%
CMY	0.4547, 0.3138, 0.3960
CMYK	0.21, 0.00, 0.12, 0.31
HSL	145°, 18%, 62%
HSV	145°, 21%, 69%
XYZ	31.8178, 38.4820, 36.3281
YIQ	161.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

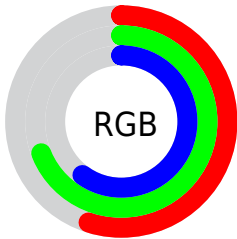
Format	Color
RYB	139, 164, 175
Decimal	9154458
CIELab	68.37, -16.51, 6.76
CIELCh	68, 17.838, 157.738
Yxy	38.4820, 0.2984, 0.3609
Android (android.graphics.Color)	4287344538 (0xFF8BAF9A)
YUV	161.8420, -3.8661, -20.0324
Hunter-Lab	62.0339, -17.0049, 8.7024

Details

The Yxy color **38.4820, 0.2984, 0.3609** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.1335, 0.3302, 0.2991**, and the grayscale version is **36.0828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0434, 0.3015, 0.3554**, and **16.9730, 0.2932, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **36.7690, 0.2919, 0.3791**, and if you desaturate by 10%, it is **40.4683, 0.3053, 0.3444**.

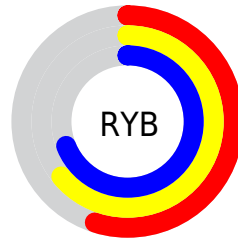
Distribution



Red (55%)

Green (69%)

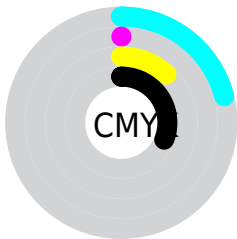
Blue (60%)



Red (55%)

Yellow (64%)

Blue (69%)

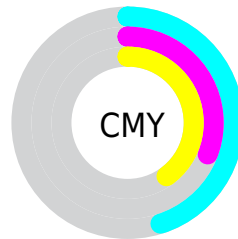


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (45%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4820, 0.2984, 0.3609 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 38.4820, 0.2984, 0.3609 by changing the saturation by 10% instead.


 38.4820, 0.2984,
0.3609


 38.4820, 0.2984,
0.3609


339.6831, 0.3060,
0.3441


 26.3570, 0.2964,
0.3654

 72.8463, 0.3013,
0.3546

 17.0909, 0.2937,
0.3714


 95.8544, 0.3023,
0.3523

 10.2993, 0.2899,
0.3797

 123.2590, 0.3032,
0.3503

 5.5979, 0.2843,
0.3922

155.4445, 0.3039,
0.3487

 2.6021, 0.2751,
0.4125

192.7952, 0.3045,
0.3473

 0.9277, 0.2461,
0.4775

235.6957, 0.3051,

 0.0000, 0.0000,

0.3461

0.0000

284.5302, 0.3055,
0.3450

■ 38.4820, 0.2984,
0.3609

■ 38.4820, 0.2984,
0.3609

■ 36.7690, 0.2919,
0.3791

■ 40.4683, 0.3053,
0.3444

■ 35.3124, 0.2860,
0.3989

■ 42.7345, 0.3123,
0.3297

■ 34.1007, 0.2811,
0.4202

■ 45.2929, 0.3194,
0.3167

■ 33.1194, 0.2775,
0.4424

■ 48.1536, 0.3263,
0.3052

■ 32.3528, 0.2755,
0.4650

■ 51.3263, 0.3329,
0.2952

■ 31.7828, 0.2753,
0.4873

■ 54.8203, 0.3393,
0.2864

■ 31.3884, 0.2769,
0.5085

■ 57.3809, 0.3399,
0.2778

■ 31.1352, 0.2797,
0.5270

■ 57.9569, 0.3315,
0.2681

■ 58.5669, 0.3234,
0.2587

Harmonies

Analogous

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



38.4820, 0.3250, 0.3746



38.4820, 0.2984, 0.3609



38.4820, 0.2763, 0.3376

Triad

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



38.4820, 0.2984, 0.3609



38.4820, 0.2766, 0.2853



38.4820, 0.3640, 0.3416

Complementary

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



38.4820, 0.2984, 0.3609



30.1335, 0.3302, 0.2991

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.



38.4820, 0.3499, 0.3193



38.4820, 0.2984, 0.3609



38.4820, 0.2988, 0.2877

Square

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



38.4820, 0.2984, 0.3609



38.4820, 0.2641, 0.2940



38.4820, 0.3257, 0.3000



38.4820, 0.3635, 0.3619

Rectangle

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



38.4820, 0.2984, 0.3609



38.4820, 0.2668, 0.3207



38.4820, 0.3257, 0.3000



38.4820, 0.3608, 0.3342

Sweetspot

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



38.4836, 0.2984, 0.3609



74.2213, 0.3084, 0.3377



40.0593, 0.3296, 0.3814



16.4400, 0.3080, 0.3387



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.



38.4836, 0.2984, 0.3609



67.3680, 0.2951, 0.3696



39.1055, 0.2853, 0.3342



8.9926, 0.3062, 0.3425



22.3113, 0.2791, 0.5249



0.6317, 0.2617, 0.4622

Inverse Universe

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



30.1335, 0.3302, 0.2991



49.4796, 0.3354, 0.2917



29.5668, 0.3489, 0.3239



8.0908, 0.3199, 0.3158



7.2285, 0.4580, 0.2297



0.2117, 0.4064, 0.2012

Previews

White Background



This preview shows how the Yxy color 38.4820, 0.2984, 0.3609 looks on a white background.

Color Contrast Check

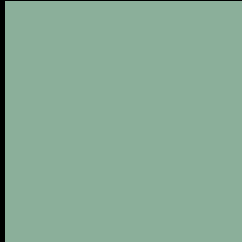
Large Text (above 18pt) WCAG AA × Fail

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 38.4820, 0.2984, 0.3609 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

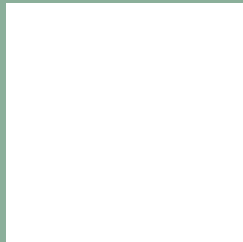
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4820, 0.2984, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 38.4820, 0.2984, 0.3609.



This preview shows how white text looks on a background with the Yxy color 38.4820, 0.2984, 0.3609.

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

38.4820, 0.2984, 0.3609

Protanopia

38.3266, 0.3344, 0.3531

Deuteranopia

38.3632, 0.3408, 0.3345



Tritanopia

38.6063, 0.2803, 0.3102

Trichromacy



Original Color

38.4820, 0.2984, 0.3609

Protanomaly

38.1874, 0.3207, 0.3553

Deuteranomaly

38.1078, 0.3243, 0.3433

Tritanomaly

38.3618, 0.2870, 0.3275

Monochromacy



Original Color

38.4820, 0.2984, 0.3609

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.0107, 0.3076, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4820, 0.2984, 0.3609 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(139, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(139, 175, 154)  
}
```

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(139, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 175, 154) }
```

Border

The CSS property to change the border of an element to Yxy 38.4820, 0.2984, 0.3609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

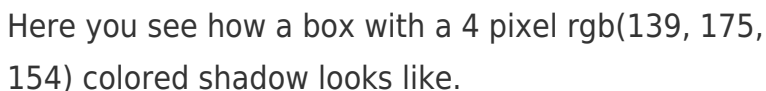
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 175, 154) }
```

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

```
.border{ border-color:rgb(139, 175, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 175, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 175, 154); box-shadow:4px 4px 4px 4px rgb(139, 175, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4820, 0.2984, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 175, 154) }
```

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

```
.background{ background-color: rgb(139,  
175, 154) }
```

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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