

Converting Colors

$Yxy(38.5146, 0.2851, 0.3430)$

Have a look what the booklet for
Yxy(38.5146, 0.2851, 0.3430)
contains.

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Color

Yxy(38.4815, 0.2852, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	86AFA6
RGB	134, 175, 166
RGB Percent	53%, 69%, 65%
CMY	0.4746, 0.3137, 0.3489
CMYK	0.23, 0.00, 0.05, 0.31
HSL	167°, 20%, 61%
HSV	167°, 23%, 69%
XYZ	32.0436, 38.4815, 41.8297
YIQ	161.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

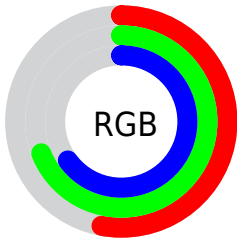
Format	Color
RYB	134, 157, 175
Decimal	8826790
CIELab	68.37, -15.69, 0.08
CIElCh	68, 15.688, 179.703
Yxy	38.4815, 0.2852, 0.3425
Android (android.graphics.Color)	4287016870 (0xFF86AFA6)
YUV	161.7150, 2.1125, -24.3061
Hunter-Lab	62.0335, -16.3538, 3.4437

Details

The Yxy color **38.4815, 0.2852, 0.3425** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.1398, 0.3499, 0.3160**, and the grayscale version is **35.9879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0637, 0.2905, 0.3404**, and **16.9730, 0.2767, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **37.0239, 0.2747, 0.3491**, and if you desaturate by 10%, it is **40.1844, 0.2965, 0.3364**.

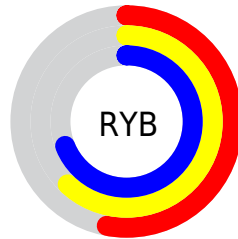
Distribution



Red (53%)

Green (69%)

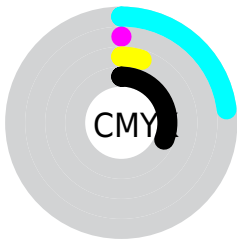
Blue (65%)



Red (53%)

Yellow (62%)

Blue (69%)

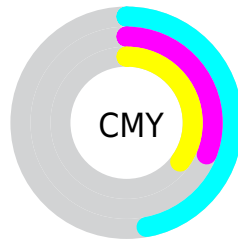


Cyan (23%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4815, 0.2852, 0.3425 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 38.4815, 0.2852, 0.3425 by changing the saturation by 10% instead.

 38.4815, 0.2852,
0.3425


 38.4815, 0.2852,
0.3425


339.6810, 0.2994,
0.3356

 26.3566, 0.2815,
0.3443


 72.8456, 0.2905,
0.3399

 17.0906, 0.2767,
0.3467


 95.8535, 0.2924,
0.3390

 10.2991, 0.2701,
0.3499


 123.2579, 0.2940,
0.3382

 5.5977, 0.2607,
0.3545

155.4432, 0.2954,
0.3375

 2.6021, 0.2458,
0.3618

192.7938, 0.2966,
0.3369

 0.9277, 0.2050,
0.3817

235.6940, 0.2977,

 0.0000, 0.0000,

0.3364

0.0000

284.5283, 0.2986,
0.3360

■ 38.4815, 0.2852,
0.3425

■ 38.4815, 0.2852,
0.3425

■ 37.0239, 0.2747,
0.3491

■ 40.1844, 0.2965,
0.3364

■ 35.7952, 0.2655,
0.3562

■ 42.1387, 0.3085,
0.3308

■ 34.7841, 0.2576,
0.3636

■ 44.3564, 0.3208,
0.3258

■ 33.9768, 0.2515,
0.3714

■ 46.8470, 0.3333,
0.3212

■ 33.3575, 0.2472,
0.3793

■ 49.6199, 0.3457,
0.3172

■ 32.9083, 0.2448,
0.3873

■ 52.6837, 0.3579,
0.3137

■ 32.6078, 0.2443,
0.3952

■ 55.7650, 0.3685,
0.3105

■ 32.4607, 0.2446,
0.4004

■ 55.9379, 0.3651,
0.3066

■ 56.1152, 0.3617,
0.3027

Harmonies

Analogous

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



38.4815, 0.3063, 0.3612



38.4815, 0.2852, 0.3425



38.4815, 0.2716, 0.3205

Triad

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



38.4815, 0.2852, 0.3425



38.4815, 0.2946, 0.2909



38.4815, 0.3588, 0.3539

Complementary

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



38.4815, 0.2852, 0.3425



28.1398, 0.3499, 0.3160

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.



38.4815, 0.3556, 0.3350



38.4815, 0.2852, 0.3425



38.4815, 0.3178, 0.2997

Square

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



38.4815, 0.2852, 0.3425



38.4815, 0.2769, 0.2915



38.4815, 0.3404, 0.3155



38.4815, 0.3491, 0.3671

Rectangle

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



38.4815, 0.2852, 0.3425



38.4815, 0.2684, 0.3074



38.4815, 0.3404, 0.3155



38.4815, 0.3592, 0.3480

Sweetspot

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



38.4831, 0.2852, 0.3425



74.1225, 0.3041, 0.3328



38.2718, 0.3181, 0.3920



16.4289, 0.3034, 0.3331



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.



38.4831, 0.2852, 0.3425



67.5467, 0.2798, 0.3458



34.7359, 0.2774, 0.3123



9.0416, 0.3014, 0.3340



23.2537, 0.2443, 0.3995



0.6543, 0.2377, 0.3756

Inverse Universe

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



28.1398, 0.3499, 0.3160



45.8473, 0.3605, 0.3130



31.0608, 0.3566, 0.3451



8.0430, 0.3253, 0.3241



6.6361, 0.5988, 0.3072



0.1926, 0.5176, 0.2625

Previews

White Background



This preview shows how the Yxy color 38.4815, 0.2852, 0.3425 looks on a white background.

Color Contrast Check

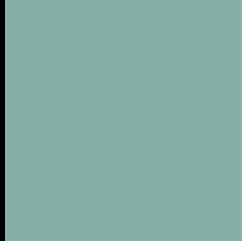
Large Text (above 18pt) WCAG AA × Fail

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 38.4815, 0.2852, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

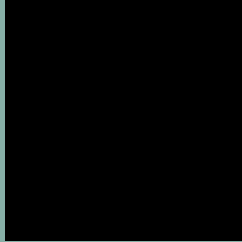
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

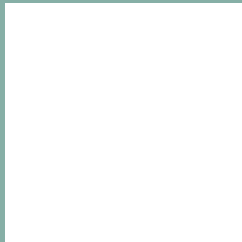
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4815, 0.2852, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 38.4815, 0.2852, 0.3425.



This preview shows how white text looks on a background with the Yxy color 38.4815, 0.2852, 0.3425.

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

38.4815, 0.2852, 0.3425

Protanopia

38.0295, 0.3209, 0.3347

Deuteranopia

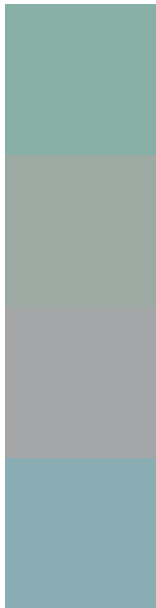
38.1781, 0.3247, 0.3182



Tritanopia

38.4535, 0.2736, 0.3085

Trichromacy



Original Color

38.4815, 0.2852, 0.3425

Protanomaly

38.1884, 0.3069, 0.3377

Deuteranomaly

37.9921, 0.3092, 0.3261

Tritanomaly

38.4602, 0.2779, 0.3201

Monochromacy



Original Color

38.4815, 0.2852, 0.3425

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9572, 0.3025, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4815, 0.2852, 0.3425 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(134, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(134, 175, 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(134, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.4815, 0.2852, 0.3425 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(134, 175, 166) }
```

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

```
.border{ border-color:rgb(134, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(134, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4815, 0.2852, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 175, 166) }
```

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

```
.background{ background-color: rgb(134,  
175, 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](#).

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