

Converting Colors

$Yxy(38.0506, 0.2854, 0.3472)$

Have a look what the booklet for
Yxy(38.0506, 0.2854, 0.3472)
contains.

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Color

Yxy(38.1296, 0.2851, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	83AFA3
RGB	131, 175, 163
RGB Percent	51%, 69%, 64%
CMY	0.4863, 0.3137, 0.3608
CMYK	0.25, 0.00, 0.07, 0.31
HSL	164°, 22%, 60%
HSV	164°, 25%, 69%
XYZ	31.3007, 38.1296, 40.3583
YIQ	160.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

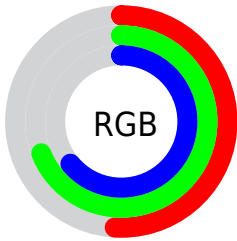
Format	Color
RYB	131, 156, 175
Decimal	8630179
CIELab	68.12, -17.29, 1.36
CIElCh	68, 17.339, 175.496
Yxy	38.1296, 0.2851, 0.3473
Android (android.graphics.Color)	4286820259 (0xFF83AFA3)
YUV	160.4760, 1.2443, -25.8505
Hunter-Lab	61.7492, -17.5791, 4.4734

Details

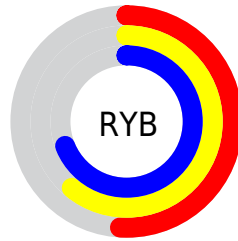
The Yxy color **38.1296, 0.2851, 0.3473** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.3313, 0.3506, 0.3115**, and the grayscale version is **35.3878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5281, 0.2904, 0.3440**, and **16.7722, 0.2766, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **36.6818, 0.2754, 0.3558**, and if you desaturate by 10%, it is **39.8230, 0.2957, 0.3395**.

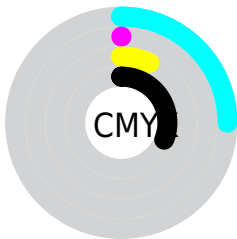
Distribution



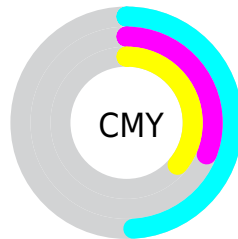
- Red (51%)
- Green (69%)
- Blue (64%)



- Red (51%)
- Yellow (61%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)




- Cyan (49%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1296, 0.2851, 0.3473 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 38.1296, 0.2851, 0.3473 by changing the saturation by 10% instead.


 38.1296, 0.2851,
0.3473

 38.1296, 0.2851,
0.3473


338.1756, 0.2994,
0.3378

 26.0833, 0.2814,
0.3498

 72.3067, 0.2904,
0.3438

 16.8860, 0.2765,
0.3531


 95.2064, 0.2924,
0.3425

 10.1532, 0.2698,
0.3576


 122.4925, 0.2940,
0.3414

 5.5007, 0.2601,
0.3642

154.5497, 0.2954,
0.3404

 2.5439, 0.2448,
0.3748

191.7621, 0.2966,
0.3396

 0.8986, 0.1952,
0.4059

234.5144, 0.2977,

 0.0000, 0.0000,

0.3389

0.0000

283.1907, 0.2986,
0.3383

■ 38.1296, 0.2851,
0.3473

■ 38.1296, 0.2851,
0.3473

■ 36.6818, 0.2754,
0.3558

■ 39.8230, 0.2957,
0.3395

■ 35.4630, 0.2669,
0.3648

■ 41.7684, 0.3068,
0.3324

■ 34.4618, 0.2597,
0.3743

■ 43.9778, 0.3183,
0.3260

■ 33.6640, 0.2543,
0.3842

■ 46.4610, 0.3300,
0.3202

■ 33.0535, 0.2508,
0.3944

■ 49.2273, 0.3415,
0.3151

■ 32.6119, 0.2491,
0.4046

■ 52.2854, 0.3529,
0.3106

■ 32.3164, 0.2494,
0.4147

■ 55.6440, 0.3640,
0.3067

■ 32.2002, 0.2499,
0.4196

■ 56.1479, 0.3610,
0.3019

■ 56.3765, 0.3568,
0.2971

Harmonies

Analogous

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



38.1296, 0.3092, 0.3670



38.1296, 0.2851, 0.3473



38.1296, 0.2687, 0.3228

Triad

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



38.1296, 0.2851, 0.3473



38.1296, 0.2894, 0.2864



38.1296, 0.3642, 0.3537

Complementary

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



38.1296, 0.2851, 0.3473



27.3313, 0.3506, 0.3115

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.



38.1296, 0.3587, 0.3324



38.1296, 0.2851, 0.3473



38.1296, 0.3146, 0.2947

Square

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



38.1296, 0.2851, 0.3473



38.1296, 0.2711, 0.2885



38.1296, 0.3402, 0.3113



38.1296, 0.3553, 0.3696

Rectangle

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



38.1296, 0.2851, 0.3473



38.1296, 0.2640, 0.3077



38.1296, 0.3402, 0.3113



38.1296, 0.3640, 0.3469

Sweetspot

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



38.1312, 0.2851, 0.3473



73.7098, 0.3034, 0.3344



38.1818, 0.3204, 0.3967



16.2658, 0.3018, 0.3355



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.



38.1312, 0.2851, 0.3473



66.8403, 0.2798, 0.3518



35.0011, 0.2752, 0.3144



9.0342, 0.3021, 0.3353



23.0693, 0.2496, 0.4184



0.6503, 0.2411, 0.3880

Inverse Universe

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



27.3313, 0.3506, 0.3115



44.2647, 0.3615, 0.3076



29.6665, 0.3613, 0.3431



8.0499, 0.3245, 0.3228



6.6873, 0.5817, 0.2978



0.1953, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 38.1296, 0.2851, 0.3473 looks on a white background.

Color Contrast Check

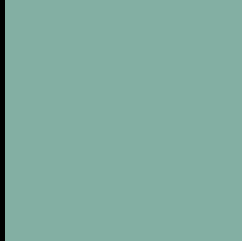
Large Text (above 18pt) WCAG AA × Fail

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 38.1296, 0.2851, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

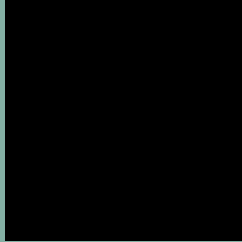
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1296, 0.2851, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 38.1296, 0.2851, 0.3473.



This preview shows how white text looks on a background with the Yxy color 38.1296, 0.2851, 0.3473.

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

38.1296, 0.2851, 0.3473

Protanopia

37.8906, 0.3245, 0.3404

Deuteranopia

37.7185, 0.3276, 0.3209



Tritanopia

38.2421, 0.2728, 0.3099

Trichromacy



Original Color

38.1296, 0.2851, 0.3473

Protanomaly

37.9471, 0.3093, 0.3436

Deuteranomaly

37.4134, 0.3109, 0.3290

Tritanomaly

38.1298, 0.2770, 0.3229

Monochromacy



Original Color

38.1296, 0.2851, 0.3473

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.8730, 0.3014, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1296, 0.2851, 0.3473 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(131, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(131, 175, 163)  
}
```

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(131, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 175, 163) }
```

Border

The CSS property to change the border of an element to Yxy 38.1296, 0.2851, 0.3473 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(131, 175, 163) }
```

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

```
.border{ border-color:rgb(131, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(131, 175,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1296, 0.2851, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 175, 163) }
```

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

```
.background{ background-color: rgb(131,  
175, 163) }
```

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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