

Converting Colors

$Y_{xy}(41.9752, 0.2890, 0.3431)$

Have a look what the booklet for
Yxy(41.9752, 0.2890, 0.3431)
contains.

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Color

Yxy(41.8277, 0.2891, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	8FB5AB
RGB	143, 181, 171
RGB Percent	56%, 71%, 67%
CMY	0.4391, 0.2902, 0.3295
CMYK	0.21, 0.00, 0.06, 0.29
HSL	164°, 20%, 64%
HSV	164°, 21%, 71%
XYZ	35.2035, 41.8277, 44.7380
YIQ	168.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

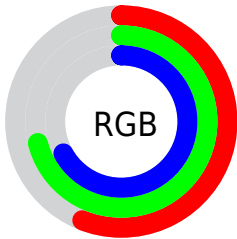
Format	Color
RYB	143, 165, 181
Decimal	9418155
CIELab	70.75, -14.86, 0.89
CIELCh	71, 14.882, 176.584
Yxy	41.8277, 0.2891, 0.3435
Android (android.graphics.Color)	4287608235 (0xFF8FB5AB)
YUV	168.4980, 1.2335, -22.3617
Hunter-Lab	64.6743, -16.0192, 4.2586

Details

The Yxy color **41.8277, 0.2891, 0.3435** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.7762, 0.3434, 0.3150**, and the grayscale version is **39.4186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9297, 0.2935, 0.3412**, and **19.0456, 0.2821, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **40.1632, 0.2789, 0.3514**, and if you desaturate by 10%, it is **43.7629, 0.3001, 0.3362**.

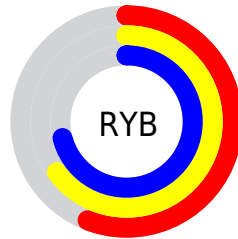
Distribution



Red (56%)

Green (71%)

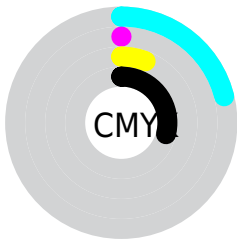
Blue (67%)



Red (56%)

Yellow (65%)

Blue (71%)

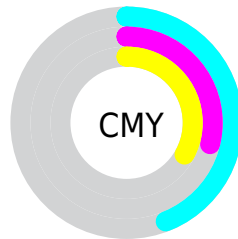


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (29%)



Cyan (44%)


Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8277, 0.2891, 0.3435 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 41.8277, 0.2891, 0.3435 by changing the saturation by 10% instead.


 41.8277, 0.2891,
0.3435

 41.8277, 0.2891,
0.3435


353.7682, 0.3011,
0.3361

 28.9664, 0.2860,
0.3454

 77.9388, 0.2935,
0.3408

 19.0554, 0.2820,
0.3479


 101.9574, 0.2952,
0.3398

 11.7103, 0.2766,
0.3512


130.4638, 0.2966,
0.3389

 6.5467, 0.2689,
0.3560

163.8426, 0.2977,
0.3382

 3.1803, 0.2571,
0.3635

202.4780, 0.2988,
0.3376

 1.2266, 0.2361,
0.3768

246.7545, 0.2996,

 0.0832, 0.0000,

0.3370

0.7440

297.0564, 0.3004,
0.3365

0.0000, 0.0000,
0.0000

41.8277, 0.2891,
0.3435

41.8277, 0.2891,
0.3435

40.1632, 0.2789,
0.3514

43.7629, 0.3001,
0.3362

38.7516, 0.2697,
0.3599

45.9753, 0.3116,
0.3296

37.5812, 0.2619,
0.3690

48.4776, 0.3233,
0.3237

36.6370, 0.2557,
0.3784

51.2803, 0.3351,
0.3184

35.9025, 0.2513,
0.3881

54.3932, 0.3468,
0.3137

■ 35.3589, 0.2488,
0.3980

■ 57.8257, 0.3582,
0.3096

■ 34.9838, 0.2483,
0.4078

■ 58.6870, 0.3570,
0.3049

■ 34.7491, 0.2490,
0.4165

■ 58.9202, 0.3529,
0.3000

■ 59.1605, 0.3488,
0.2953

Harmonies

Analogous

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



41.8277, 0.3091, 0.3599



41.8277, 0.2891, 0.3435



41.8277, 0.2756, 0.3233

Triad

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



41.8277, 0.2891, 0.3435



41.8277, 0.2940, 0.2934



41.8277, 0.3554, 0.3504

Complementary

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



41.8277, 0.2891, 0.3435



31.7762, 0.3434, 0.3150

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.



41.8277, 0.3512, 0.3327



41.8277, 0.2891, 0.3435



41.8277, 0.3152, 0.3006

Square

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



41.8277, 0.2891, 0.3435



41.8277, 0.2784, 0.2950



41.8277, 0.3363, 0.3148



41.8277, 0.3477, 0.3633

Rectangle

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



41.8277, 0.2891, 0.3435



41.8277, 0.2719, 0.3109



41.8277, 0.3363, 0.3148



41.8277, 0.3554, 0.3448

Sweetspot

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



41.8294, 0.2891, 0.3435



80.2486, 0.3056, 0.3329



41.8188, 0.3187, 0.3847



17.2904, 0.3049, 0.3333



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.8294, 0.2891, 0.3435



73.5336, 0.2845, 0.3469



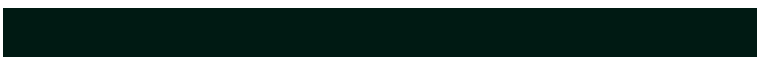
38.7358, 0.2811, 0.3160



9.5925, 0.3020, 0.3351



23.9669, 0.2487, 0.4153



0.7631, 0.2412, 0.3882

Inverse Universe

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



31.7762, 0.3434, 0.3150



52.4052, 0.3517, 0.3119



34.2262, 0.3516, 0.3416



8.5409, 0.3247, 0.3230



6.9279, 0.5851, 0.2997



0.2278, 0.5050, 0.2556

Previews

White Background



This preview shows how the Yxy color 41.8277, 0.2891, 0.3435 looks on a white background.

Color Contrast Check

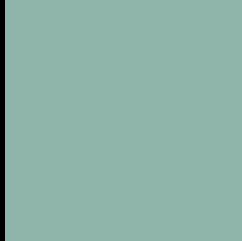
Large Text (above 18pt) WCAG AA × Fail

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 41.8277, 0.2891, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

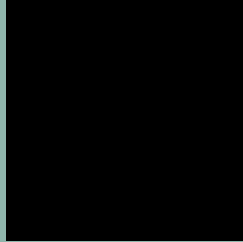
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8277, 0.2891, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 41.8277, 0.2891, 0.3435.



This preview shows how white text looks on a background with the Yxy color 41.8277, 0.2891, 0.3435.

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

41.8277, 0.2891, 0.3435

Protanopia

41.6053, 0.3223, 0.3372

Deuteranopia

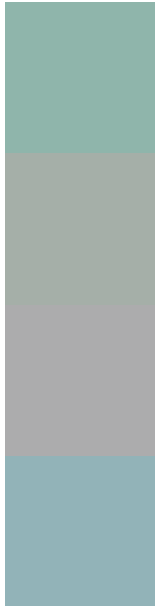
41.5122, 0.3271, 0.3199



Tritanopia

41.8496, 0.2769, 0.3093

Trichromacy



Original Color

41.8277, 0.2891, 0.3435

Protanomaly

41.4864, 0.3096, 0.3388

Deuteranomaly

41.2928, 0.3119, 0.3276

Tritanomaly

41.8119, 0.2819, 0.3218

Monochromacy



Original Color

41.8277, 0.2891, 0.3435

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2630, 0.3037, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8277, 0.2891, 0.3435 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, 181, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 181, 171)  
}
```

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, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 181, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.8277, 0.2891, 0.3435 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, 181, 171) }
```

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

```
.border{ border-color:rgb(143, 181, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 181, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 181, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 181, 171);  
box-shadow:4px 4px 4px 4px rgb(143, 181,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8277, 0.2891, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 181, 171) }
```

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

```
.background{ background-color: rgb(143,  
181, 171) }
```

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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