

Converting Colors

$Yxy(41.5181, 0.2933, 0.3602)$

Have a look what the booklet for
Yxy(41.5181, 0.2933, 0.3602)
contains.

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Color

Yxy(41.5181, 0.2933, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	8BB6A1
RGB	139, 182, 161
RGB Percent	55%, 71%, 63%
CMY	0.4549, 0.2863, 0.3687
CMYK	0.24, 0.00, 0.12, 0.29
HSL	151°, 23%, 63%
HSV	151°, 24%, 71%
XYZ	33.8069, 41.5181, 39.9390
YIQ	166.7490, -18.8870, -15.6470

Conversions

Conversions Part 2

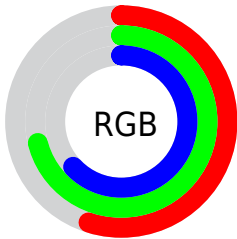
Format	Color
RYB	139, 167, 182
Decimal	9156257
CIELab	70.54, -18.74, 6.04
CIElCh	71, 19.691, 162.150
Yxy	41.5181, 0.2933, 0.3602
Android (android.graphics.Color)	4287346337 (0xFF8BB6A1)
YUV	166.7490, -2.8343, -24.3359
Hunter-Lab	64.4345, -19.1067, 8.3540

Details

The Yxy color **41.5181, 0.2933, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.9511, 0.3378, 0.2998**, and the grayscale version is **38.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4444, 0.2968, 0.3538**, and **18.8793, 0.2878, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **39.7784, 0.2859, 0.3758**, and if you desaturate by 10%, it is **43.5444, 0.3013, 0.3460**.

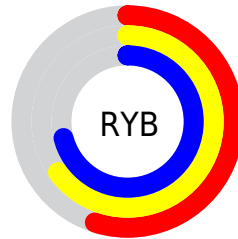
Distribution



Red (55%)

Green (71%)

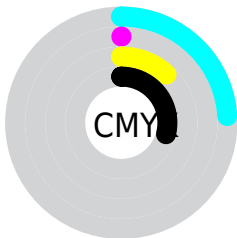
Blue (63%)



Red (55%)

Yellow (65%)

Blue (71%)

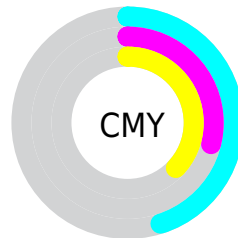


Cyan (24%)

Magenta (0%)

Yellow (12%)

Black (29%)



Cyan (45%)


Magenta (29%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5181, 0.2933, 0.3602 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 41.5181, 0.2933, 0.3602 by changing the saturation by 10% instead.


 41.5181, 0.2933,
0.3602

 41.5181, 0.2933,
0.3602


352.4814, 0.3034,
0.3440


 28.7241, 0.2907,
0.3645


 77.4698, 0.2970,
0.3541

 18.8722, 0.2872,
0.3701


 101.3963, 0.2984,
0.3519

 11.5780, 0.2825,
0.3779


 129.8024, 0.2996,
0.3500

 6.4570, 0.2756,
0.3892

163.0725, 0.3006,
0.3485

 3.1249, 0.2647,
0.4074

201.5911, 0.3014,
0.3471

 1.1973, 0.2415,
0.4440

245.7425, 0.3021,

 0.0595, 0.0000,

0.3459

1.0000

295.9111, 0.3028,
0.3449

0.0000, 0.0000,
0.0000

41.5181, 0.2933,
0.3602

41.5181, 0.2933,
0.3602

39.7784, 0.2859,
0.3758

43.5444, 0.3013,
0.3460

38.3068, 0.2793,
0.3926

45.8647, 0.3097,
0.3333

37.0905, 0.2739,
0.4105

48.4923, 0.3181,
0.3219

36.1137, 0.2700,
0.4293

51.4382, 0.3265,
0.3118

35.3586, 0.2679,
0.4483

54.7131, 0.3347,
0.3030

■ 34.8049, 0.2677,
0.4673

■ 58.3268, 0.3426,
0.2952

■ 34.4282, 0.2696,
0.4856

■ 60.0609, 0.3409,
0.2871

■ 34.2486, 0.2713,
0.4968

■ 60.5545, 0.3337,
0.2785

■ 61.0738, 0.3266,
0.2701

Harmonies

Analogous

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



41.5181, 0.3216, 0.3770



41.5181, 0.2933, 0.3602



41.5181, 0.2709, 0.3341

Triad

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



41.5181, 0.2933, 0.3602



41.5181, 0.2768, 0.2817



41.5181, 0.3689, 0.3459

Complementary

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



41.5181, 0.2933, 0.3602



30.9511, 0.3378, 0.2998

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.



41.5181, 0.3559, 0.3220



41.5181, 0.2933, 0.3602



41.5181, 0.3018, 0.2861

Square

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



41.5181, 0.2933, 0.3602



41.5181, 0.2617, 0.2892



41.5181, 0.3309, 0.3005



41.5181, 0.3660, 0.3669

Rectangle

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



41.5181, 0.2933, 0.3602



41.5181, 0.2619, 0.3161



41.5181, 0.3309, 0.3005



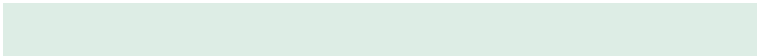
41.5181, 0.3663, 0.3380

Sweetspot

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



41.5198, 0.2933, 0.3602



81.6157, 0.3067, 0.3376



42.8480, 0.3282, 0.3908



17.9702, 0.3062, 0.3383



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.5198, 0.2933, 0.3602



73.6772, 0.2896, 0.3676



42.3251, 0.2784, 0.3289



10.1347, 0.3049, 0.3404



24.1978, 0.2708, 0.4948



0.8655, 0.2578, 0.4480

Inverse Universe

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



30.9511, 0.3378, 0.2998



51.3833, 0.3444, 0.2935



30.2761, 0.3608, 0.3291



9.0834, 0.3213, 0.3179



7.5458, 0.4978, 0.2516



0.2785, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 41.5181, 0.2933, 0.3602 looks on a white background.

Color Contrast Check

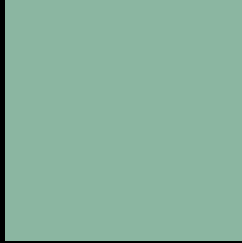
Large Text (above 18pt) WCAG AA × Fail

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 41.5181, 0.2933, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

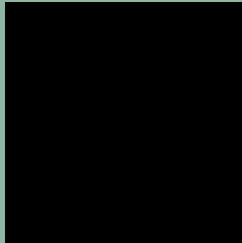
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5181, 0.2933, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 41.5181, 0.2933, 0.3602.



This preview shows how white text looks on a background with the Yxy color 41.5181, 0.2933, 0.3602.

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

41.5181, 0.2933, 0.3602

Protanopia

41.0761, 0.3339, 0.3510

Deuteranopia

41.0291, 0.3381, 0.3317



Tritanopia

41.6663, 0.2754, 0.3092

Trichromacy



Original Color

41.5181, 0.2933, 0.3602

Protanomaly

40.9868, 0.3177, 0.3546

Deuteranomaly

40.9200, 0.3203, 0.3415

Tritanomaly

41.4160, 0.2817, 0.3260

Monochromacy



Original Color

41.5181, 0.2933, 0.3602

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.3898, 0.3051, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5181, 0.2933, 0.3602 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, 182, 161)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 161)  
}
```

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, 182, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 161) }
```

Border

The CSS property to change the border of an element to Yxy 41.5181, 0.2933, 0.3602 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, 182, 161) }
```

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

```
.border{ border-color:rgb(139, 182, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 182, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 182, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 182, 161);  
box-shadow:4px 4px 4px 4px rgb(139, 182,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5181, 0.2933, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 161) }
```

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

```
.background{ background-color: rgb(139,  
182, 161) }
```

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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