

Converting Colors

$Yxy(41.6406, 0.2927, 0.3509)$

Have a look what the booklet for
Yxy(41.6406, 0.2927, 0.3509)
contains.

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Color

Yxy(41.6406, 0.2927, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	8FB5A6
RGB	143, 181, 166
RGB Percent	56%, 71%, 65%
CMY	0.4393, 0.2902, 0.3489
CMYK	0.21, 0.00, 0.08, 0.29
HSL	156°, 20%, 64%
HSV	156°, 21%, 71%
XYZ	34.7341, 41.6406, 42.2933
YIQ	167.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

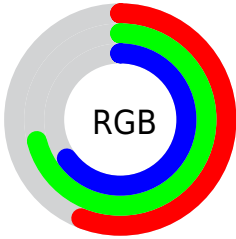
Format	Color
RYB	143, 167, 181
Decimal	9418150
CIELab	70.62, -15.90, 3.42
CIElCh	71, 16.264, 167.852
Yxy	41.6406, 0.2927, 0.3509
Android (android.graphics.Color)	4287608230 (0xFF8FB5A6)
YUV	167.9280, -0.9505, -21.8619
Hunter-Lab	64.5295, -16.8460, 6.3114

Details

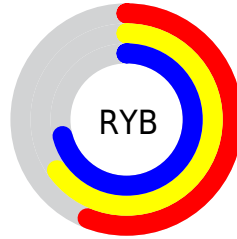
The Yxy color **41.6406, 0.2927, 0.3509** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.9328, 0.3382, 0.3081**, and the grayscale version is **39.1322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6591, 0.2964, 0.3468**, and **18.9286, 0.2869, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **39.9007, 0.2840, 0.3630**, and if you desaturate by 10%, it is **43.6592, 0.3020, 0.3399**.

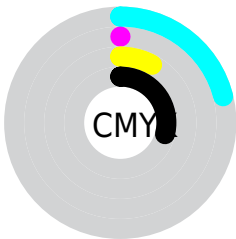
Distribution



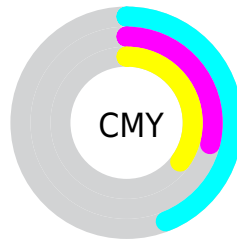
- Red (56%)
- Green (71%)
- Blue (65%)



- Red (56%)
- Yellow (65%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)





- Cyan (44%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6406, 0.2927, 0.3509 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 41.6406, 0.2927, 0.3509 by changing the saturation by 10% instead.


 41.6406, 0.2927,
0.3509

 41.6406, 0.2927,
0.3509


352.9909, 0.3030,
0.3396

 28.8200, 0.2900,
0.3538


 77.6554, 0.2965,
0.3467

 18.9447, 0.2866,
0.3577


 101.6184, 0.2979,
0.3452

 11.6303, 0.2819,
0.3630


130.0642, 0.2991,
0.3439

 6.4925, 0.2751,
0.3707

163.3774, 0.3001,
0.3427

 3.1468, 0.2646,
0.3828

201.9422, 0.3010,
0.3418

 1.2088, 0.2447,
0.4054

246.1432, 0.3017,

 0.0689, 0.0000,

0.3410

1.0000

296.3646, 0.3024,
0.3402

0.0000, 0.0000,
0.0000

41.6406, 0.2927,
0.3509

41.6406, 0.2927,
0.3509

39.9007, 0.2840,
0.3630

43.6592, 0.3020,
0.3399

38.4214, 0.2761,
0.3761

45.9630, 0.3117,
0.3299

37.1909, 0.2695,
0.3901

48.5651, 0.3216,
0.3211

36.1941, 0.2644,
0.4047

51.4759, 0.3313,
0.3132

35.4142, 0.2610,
0.4198

54.7055, 0.3410,
0.3062

■ 34.8322, 0.2596,
0.4351

■ 58.2634, 0.3503,
0.3001

■ 34.4256, 0.2602,
0.4502

■ 59.2655, 0.3471,
0.2933

■ 34.1686, 0.2621,
0.4635

■ 59.6424, 0.3412,
0.2862

■ 60.0355, 0.3354,
0.2793

Harmonies

Analogous

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



41.6406, 0.3157, 0.3665



41.6406, 0.2927, 0.3509



41.6406, 0.2755, 0.3291

Triad

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



41.6406, 0.2927, 0.3509



41.6406, 0.2865, 0.2896



41.6406, 0.3596, 0.3470

Complementary

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



41.6406, 0.2927, 0.3509



31.9328, 0.3382, 0.3081

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.



41.6406, 0.3512, 0.3271



41.6406, 0.2927, 0.3509



41.6406, 0.3083, 0.2949

Square

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



41.6406, 0.2927, 0.3509



41.6406, 0.2720, 0.2942



41.6406, 0.3322, 0.3084



41.6406, 0.3547, 0.3632

Rectangle

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



41.6406, 0.2927, 0.3509



41.6406, 0.2693, 0.3147



41.6406, 0.3322, 0.3084



41.6406, 0.3582, 0.3405

Sweetspot

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



41.6423, 0.2927, 0.3509



80.1455, 0.3068, 0.3349



42.3215, 0.3232, 0.3840



17.2658, 0.3061, 0.3355



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.



41.6423, 0.2927, 0.3509



73.1397, 0.2888, 0.3561



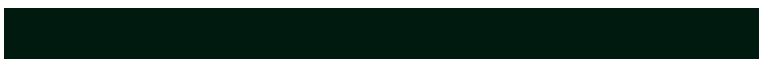
40.6995, 0.2815, 0.3234



9.5737, 0.3037, 0.3381



23.5675, 0.2616, 0.4616



0.7526, 0.2501, 0.4202

Inverse Universe

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



31.9328, 0.3382, 0.3081



52.7517, 0.3450, 0.3035



32.6088, 0.3530, 0.3345



8.5589, 0.3227, 0.3201



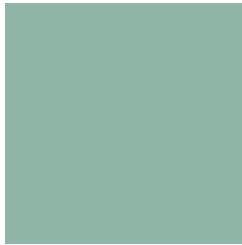
7.1017, 0.5367, 0.2730



0.2351, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 41.6406, 0.2927, 0.3509 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 41.6406, 0.2927, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

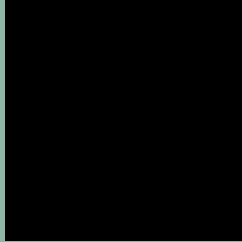
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

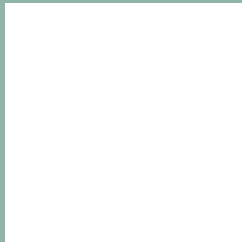
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6406, 0.2927, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 41.6406, 0.2927, 0.3509.



This preview shows how white text looks on a background with the Yxy color 41.6406, 0.2927, 0.3509.

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

41.6406, 0.2927, 0.3509

Protanopia

41.5432, 0.3275, 0.3441

Deuteranopia

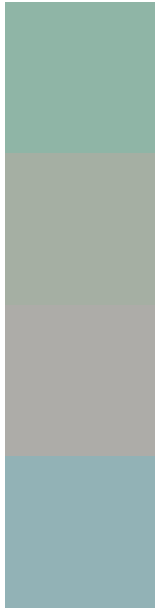
41.4492, 0.3325, 0.3264



Tritanopia

41.5018, 0.2783, 0.3093

Trichromacy



Original Color

41.6406, 0.2927, 0.3509

Protanomaly

41.3036, 0.3137, 0.3459

Deuteranomaly

41.2164, 0.3170, 0.3345

Tritanomaly

41.3292, 0.2832, 0.3232

Monochromacy



Original Color

41.6406, 0.2927, 0.3509

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.0481, 0.3053, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6406, 0.2927, 0.3509 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(143, 181, 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(143, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 181, 166) }
```

Border

The CSS property to change the border of an element to Yxy 41.6406, 0.2927, 0.3509 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, 166) }
```

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

```
.border{ border-color:rgb(143, 181, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 181,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6406, 0.2927, 0.3509 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, 166) }
```

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

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