

Converting Colors

$Y_{xy}(42.1072, 0.2916, 0.3393)$

Have a look what the booklet for
Yxy(42.1072, 0.2916, 0.3393)
contains.

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Color

Yxy(41.9555, 0.2915, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	94B4AD
RGB	148, 180, 173
RGB Percent	58%, 71%, 68%
CMY	0.4196, 0.2941, 0.3216
CMYK	0.18, 0.00, 0.04, 0.29
HSL	167°, 18%, 64%
HSV	167°, 18%, 71%
XYZ	36.0768, 41.9555, 45.7303
YIQ	169.6340, -16.8250, -8.9610

Conversions

Conversions Part 2

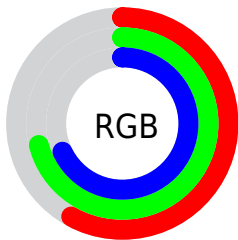
Format	Color
RYB	148, 166, 180
Decimal	9745581
CIELab	70.84, -12.29, -0.05
CIELCh	71, 12.291, 180.244
Yxy	41.9555, 0.2915, 0.3390
Android (android.graphics.Color)	4287935661 (0xFF94B4AD)
YUV	169.6340, 1.6594, -18.9730
Hunter-Lab	64.7731, -13.9334, 3.4820

Details

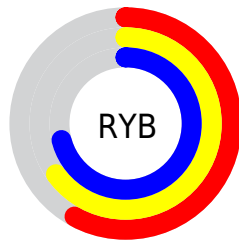
The Yxy color **41.9555, 0.2915, 0.3390** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.2515, 0.3392, 0.3193**, and the grayscale version is **40.0056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1489, 0.2954, 0.3377**, and **19.1006, 0.2852, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **40.2568, 0.2805, 0.3454**, and if you desaturate by 10%, it is **43.9233, 0.3032, 0.3332**.

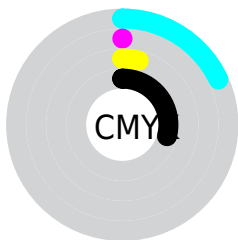
Distribution



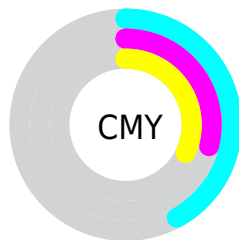
- Red (58%)
- Green (71%)
- Blue (68%)



- Red (58%)
- Yellow (65%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)





- Cyan (42%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9555, 0.2915, 0.3390 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 41.9555, 0.2915, 0.3390 by changing the saturation by 10% instead.


 41.9555, 0.2915,
0.3390


 41.9555, 0.2915,
0.3390


354.2984, 0.3023,
0.3339

 29.0664, 0.2887,
0.3403


 78.1323, 0.2955,
0.3371

 19.1311, 0.2852,
0.3420


 102.1888, 0.2969,
0.3364

 11.7650, 0.2804,
0.3442


130.7366, 0.2982,
0.3359

 6.5839, 0.2735,
0.3474

164.1600, 0.2992,
0.3354

 3.2033, 0.2630,
0.3524

202.8435, 0.3002,
0.3349

 1.2388, 0.2449,
0.3609

247.1715, 0.3010,

 0.0930, 0.0000,

0.3346

0.4699

297.5284, 0.3017,
0.3342

0.0000, 0.0000,
0.0000

41.9555, 0.2915,
0.3390

41.9555, 0.2915,
0.3390

40.2568, 0.2805,
0.3454

43.9233, 0.3032,
0.3332

38.8098, 0.2705,
0.3522

46.1661, 0.3155,
0.3279

37.6032, 0.2618,
0.3595

48.6963, 0.3279,
0.3231

36.6229, 0.2547,
0.3671

51.5241, 0.3404,
0.3189

35.8532, 0.2493,
0.3749

54.6590, 0.3527,
0.3151

■ 35.2764, 0.2459,
0.3829

■ 57.9188, 0.3639,
0.3118

■ 34.8717, 0.2443,
0.3909

■ 58.1014, 0.3605,
0.3078

■ 34.6070, 0.2445,
0.3988

■ 58.2888, 0.3571,
0.3037

■ 34.5551, 0.2446,
0.4006

■ 58.4809, 0.3537,
0.2997

Harmonies

Analogous

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



41.9555, 0.3077, 0.3530



41.9555, 0.2915, 0.3390



41.9555, 0.2811, 0.3224

Triad

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



41.9555, 0.2915, 0.3390



41.9555, 0.2993, 0.2998



41.9555, 0.3476, 0.3484

Complementary

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



41.9555, 0.2915, 0.3390



33.2515, 0.3392, 0.3193

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.



41.9555, 0.3454, 0.3341



41.9555, 0.2915, 0.3390



41.9555, 0.3171, 0.3066

Square

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



41.9555, 0.2915, 0.3390



41.9555, 0.2855, 0.3003



41.9555, 0.3340, 0.3190



41.9555, 0.3403, 0.3581

Rectangle

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



41.9555, 0.2915, 0.3390



41.9555, 0.2787, 0.3125



41.9555, 0.3340, 0.3190



41.9555, 0.3480, 0.3440

Sweetspot

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



41.9572, 0.2915, 0.3390



80.6832, 0.3065, 0.3317



41.7974, 0.3169, 0.3755



17.3798, 0.3057, 0.3321



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.



41.9572, 0.2915, 0.3390



74.9155, 0.2875, 0.3412



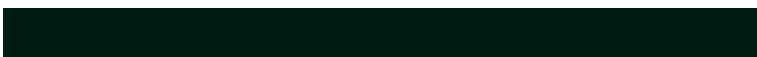
38.8954, 0.2858, 0.3166



9.5991, 0.3014, 0.3340



24.1265, 0.2444, 0.3996



0.7670, 0.2382, 0.3776

Inverse Universe

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



33.2515, 0.3392, 0.3193



56.4230, 0.3459, 0.3172



35.7994, 0.3444, 0.3410



8.5347, 0.3254, 0.3240



6.8849, 0.5990, 0.3074



0.2253, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 41.9555, 0.2915, 0.3390 looks on a white background.

Color Contrast Check

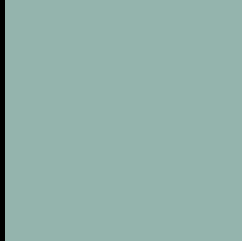
Large Text (above 18pt) WCAG AA × Fail

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 41.9555, 0.2915, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

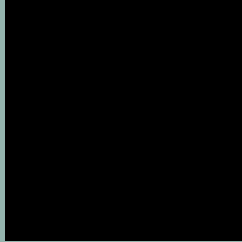
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

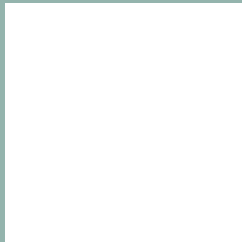
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9555, 0.2915, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 41.9555, 0.2915, 0.3390.



This preview shows how white text looks on a background with the Yxy color 41.9555, 0.2915, 0.3390.

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

41.9555, 0.2915, 0.3390

Protanopia

41.7167, 0.3197, 0.3331

Deuteranopia

41.8312, 0.3242, 0.3186



Tritanopia

41.7852, 0.2806, 0.3094

Trichromacy



Original Color

41.9555, 0.2915, 0.3390

Protanomaly

41.6692, 0.3089, 0.3359

Deuteranomaly

41.4844, 0.3111, 0.3249

Tritanomaly

41.7855, 0.2849, 0.3205

Monochromacy



Original Color

41.9555, 0.2915, 0.3390

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8938, 0.3046, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9555, 0.2915, 0.3390 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(148, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(148, 180, 173)  
}
```

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(148, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 180, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.9555, 0.2915, 0.3390 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(148, 180, 173) }
```

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

```
.border{ border-color:rgb(148, 180, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(148, 180,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9555, 0.2915, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 180, 173) }
```

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

```
.background{ background-color: rgb(148,  
180, 173) }
```

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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