

Converting Colors

$Y_{xy}(44.0260, 0.2886, 0.3192)$

Have a look what the booklet for
Yxy(44.0260, 0.2886, 0.3192)
contains.

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Color

Yxy(43.9477, 0.2885, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	9EB5BC
RGB	158, 181, 188
RGB Percent	62%, 71%, 74%
CMY	0.3803, 0.2902, 0.2626
CMYK	0.16, 0.04, 0.00, 0.26
HSL	194°, 18%, 68%
HSV	194°, 16%, 74%
XYZ	39.7085, 43.9477, 53.9815
YIQ	174.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

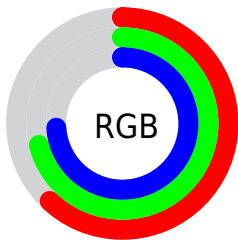
Format	Color
R _Y B	158, 171, 188
Decimal	10401212
CIE Lab	72.19, -6.36, -6.23
CIE LCh	72, 8.908, 224.415
Yxy	43.9477, 0.2885, 0.3193
Android (android.graphics.Color)	4288591292 (0xFF9EB5BC)
YUV	174.9210, 6.4479, -14.8397
Hunter-Lab	66.2931, -9.0943, -1.8738

Details

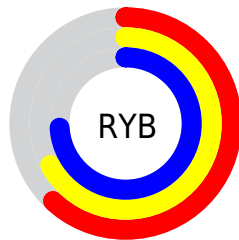
The Yxy color **43.9477, 0.2885, 0.3193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0994, 0.3409, 0.3385**, and the grayscale version is **42.8033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2462, 0.2931, 0.3216**, and **20.2518, 0.2811, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **40.4209, 0.2737, 0.3125**, and if you desaturate by 10%, it is **47.8266, 0.3036, 0.3256**.

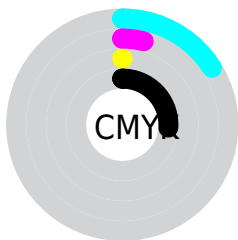
Distribution



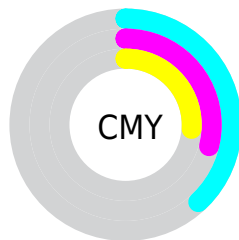
- Red (62%)
- Green (71%)
- Blue (74%)



- Red (62%)
- Yellow (67%)
- Blue (74%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9477, 0.2885, 0.3193 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 43.9477, 0.2885, 0.3193 by changing the saturation by 10% instead.


 43.9477, 0.2885,
0.3193


 43.9477, 0.2885,
0.3193


362.4948, 0.3006,
0.3243

 30.6294, 0.2855,
0.3180


 81.1390, 0.2929,
0.3212

 20.3168, 0.2815,
0.3163


 105.7809, 0.2946,
0.3218

 12.6255, 0.2763,
0.3140


134.9660, 0.2960,
0.3224

 7.1712, 0.2690,
0.3107

169.0788, 0.2972,
0.3229

 3.5694, 0.2580,
0.3056

208.5037, 0.2982,
0.3233

 1.4357, 0.2398,
0.2965

253.6251, 0.2991,

 0.2428, 0.0741,

0.3237

0.2384

304.8273, 0.2999,
0.3240

0.0000, 0.0000,
0.0000

43.9477, 0.2885,
0.3193

43.9477, 0.2885,
0.3193

40.4209, 0.2737,
0.3125

47.8266, 0.3036,
0.3256

37.2271, 0.2596,
0.3051

52.0652, 0.3189,
0.3312

34.3533, 0.2464,
0.2973

56.6772, 0.3340,
0.3363

31.7835, 0.2346,
0.2891

61.6744, 0.3487,
0.3408

29.5001, 0.2243,
0.2806

67.0677, 0.3630,
0.3448

■ 27.4832, 0.2159,
0.2720

■ 69.7364, 0.3643,
0.3492

■ 25.7100, 0.2094,
0.2633

■ 71.9092, 0.3631,
0.3537

■ 24.1515, 0.2048,
0.2548

■ 74.1422, 0.3620,
0.3581

■ 23.5576, 0.2032,
0.2513

■ 76.4359, 0.3609,
0.3625

Harmonies

Analogous

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



43.9477, 0.2934, 0.3306



43.9477, 0.2885, 0.3193



43.9477, 0.2900, 0.3109

Triad

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



43.9477, 0.2885, 0.3193



43.9477, 0.3219, 0.3167



43.9477, 0.3280, 0.3512

Complementary

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



43.9477, 0.2885, 0.3193



40.0994, 0.3409, 0.3385

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.



43.9477, 0.3359, 0.3468



43.9477, 0.2885, 0.3193



43.9477, 0.3324, 0.3270

Square

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



43.9477, 0.2885, 0.3193



43.9477, 0.3090, 0.3097



43.9477, 0.3376, 0.3379



43.9477, 0.3160, 0.3494

Rectangle

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



43.9477, 0.2885, 0.3193



43.9477, 0.2943, 0.3080



43.9477, 0.3376, 0.3379



43.9477, 0.3312, 0.3503

Sweetspot

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



43.9495, 0.2885, 0.3193



87.2923, 0.3050, 0.3261



45.9684, 0.3055, 0.3611



18.6602, 0.3039, 0.3257



95.5105, 0.3127, 0.3290



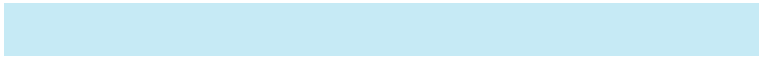
19.5994, 0.3127, 0.3290

Same Dimension

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



43.9495, 0.2885, 0.3193



77.4095, 0.2835, 0.3171



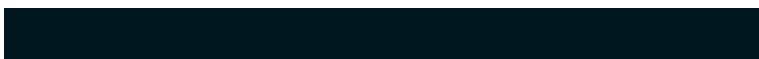
38.1887, 0.2876, 0.2983



10.4199, 0.2985, 0.3235



16.1522, 0.2035, 0.2524



0.7266, 0.2091, 0.2728

Inverse Universe

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



38.4960, 0.3208, 0.2989



65.8308, 0.3228, 0.2924



45.8188, 0.3379, 0.3580



9.6570, 0.3172, 0.3116



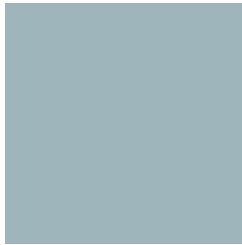
8.6603, 0.3899, 0.1921



0.3487, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 43.9477, 0.2885, 0.3193 looks on a white background.

Color Contrast Check

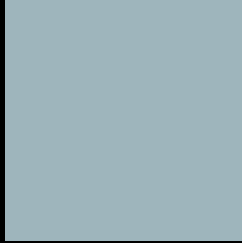
Large Text (above 18pt) WCAG AA × Fail

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 43.9477, 0.2885, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

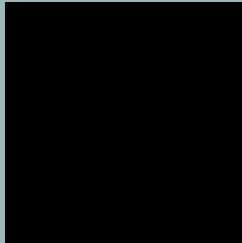
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

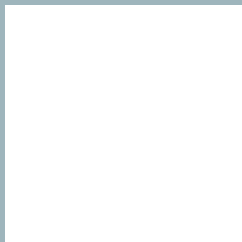
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9477, 0.2885, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 43.9477, 0.2885, 0.3193.



This preview shows how white text looks on a background with the Yxy color 43.9477, 0.2885, 0.3193.

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

43.9477, 0.2885, 0.3193

Protanopia

43.9006, 0.3063, 0.3171

Deuteranopia

43.9141, 0.3120, 0.3060



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.9477, 0.2885, 0.3193

Protanomaly

43.9320, 0.2996, 0.3182

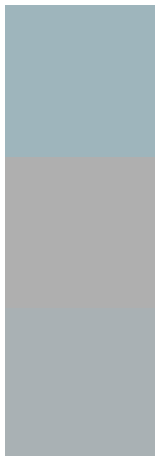
Deuteranomaly

43.6812, 0.3032, 0.3106

Tritanomaly

43.8192, 0.2863, 0.3126

Monochromacy



Original Color

43.9477, 0.2885, 0.3193

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1746, 0.3034, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9477, 0.2885, 0.3193 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(158, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(158, 181, 188)  
}
```

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(158, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 181, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.9477, 0.2885, 0.3193 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(158, 181, 188) }
```

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

```
.border{ border-color:rgb(158, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(158, 181,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9477, 0.2885, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 181, 188) }
```

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

```
.background{ background-color: rgb(158,  
181, 188) }
```

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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