

Converting Colors

$Yxy(46.1602, 0.2844, 0.3342)$

Have a look what the booklet for
Yxy(46.1602, 0.2844, 0.3342)
contains.

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Color

Yxy(46.2875, 0.2843, 0.3345)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 95BDB9 |
| RGB | 149, 189, 185 |
| RGB Percent | 58%, 74%, 73% |
| CMY | 0.4159, 0.2588, 0.2746 |
| CMYK | 0.21, 0.00, 0.02, 0.26 |
| HSL | 174°, 23%, 66% |
| HSV | 174°, 21%, 74% |
| XYZ | 39.3409, 46.2875, 52.7498 |
| YIQ | 176.5840, -22.5560, -9.7240 |

Conversions

Conversions Part 2

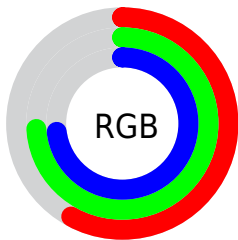
| Format | Color |
|-------------------------------------|--|
| RYB | 149, 170, 189 |
| Decimal | 9813433 |
| CIELab | 73.73, -14.15, -2.37 |
| CIELCh | 74, 14.346, 189.503 |
| Yxy | 46.2875, 0.2843, 0.3345 |
| Android (android.graphics.Color) | 4288003513 (0xFF95BDB9) |
| YUV | 176.5840, 4.1491, -24.1912 |
| Hunter-Lab | 68.0349, -15.8442, 1.6549 |

Details

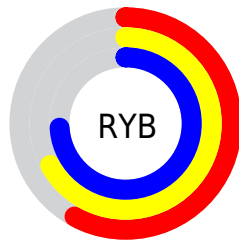
The Yxy color $46.2875, 0.2843, 0.3345$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.6007, 0.3506, 0.3236$, and the grayscale version is $43.7196, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4931, 0.2896, 0.3332$, and $21.8156, 0.2762, 0.3366$ is the 20% darker color. If you saturate the color by 10%, you get $44.5743, 0.2723, 0.3374$, and if you desaturate by 10%, it is $48.2941, 0.2973, 0.3318$.

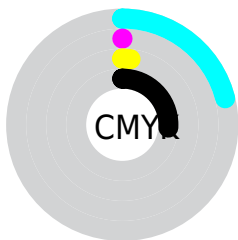
Distribution



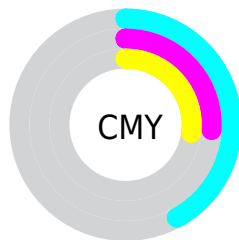
- Red (58%)
- Green (74%)
- Blue (73%)



- Red (58%)
- Yellow (67%)
- Blue (74%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)




- Cyan (42%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2875, 0.2843, 0.3345 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 46.2875, 0.2843, 0.3345 by changing the saturation by 10% instead.

 46.2875, 0.2843,
0.3345

 46.2875, 0.2843,
0.3345


371.9633, 0.2985,
0.3319

 32.4728, 0.2808,
0.3351


 84.6491, 0.2894,
0.3336

 21.7228, 0.2763,
0.3359


 109.9647, 0.2914,
0.3332

 13.6534, 0.2703,
0.3369


139.8828, 0.2930,
0.3329

 7.8800, 0.2620,
0.3383

174.7877, 0.2944,
0.3326

 4.0183, 0.2496,
0.3402

215.0638, 0.2956,
0.3324

 1.6838, 0.2295,
0.3429

261.0955, 0.2967,

 0.4131, 0.0439,

0.3322

0.3840

313.2672, 0.2976,
0.3320

0.0000, 0.0000,
0.0000

46.2875, 0.2843,
0.3345

46.2875, 0.2843,
0.3345

44.5743, 0.2723,
0.3374

48.2941, 0.2973,
0.3318

43.1349, 0.2616,
0.3406

50.6012, 0.3110,
0.3293

41.9561, 0.2524,
0.3438

53.2231, 0.3252,
0.3270

41.0214, 0.2450,
0.3472

56.1712, 0.3396,
0.3250

40.3124, 0.2395,
0.3506

59.4565, 0.3540,
0.3232

■ 39.8081, 0.2358,
0.3541

■ 61.6659, 0.3621,
0.3215

■ 39.4837, 0.2340,
0.3575

■ 61.7533, 0.3605,
0.3195

■ 39.3039, 0.2335,
0.3605

■ 61.8418, 0.3589,
0.3175

■ 61.9315, 0.3573,
0.3156

Harmonies

Analogous

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



46.2875, 0.3009, 0.3520



46.2875, 0.2843, 0.3345



46.2875, 0.2753, 0.3160

Triad

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



46.2875, 0.2843, 0.3345



46.2875, 0.3035, 0.2977



46.2875, 0.3507, 0.3550

Complementary

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



46.2875, 0.2843, 0.3345



34.6007, 0.3506, 0.3236

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.



46.2875, 0.3516, 0.3399



46.2875, 0.2843, 0.3345



46.2875, 0.3239, 0.3076

Square

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



46.2875, 0.2843, 0.3345



46.2875, 0.2861, 0.2955



46.2875, 0.3417, 0.3228



46.2875, 0.3394, 0.3637

Rectangle

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



46.2875, 0.2843, 0.3345



46.2875, 0.2746, 0.3059



46.2875, 0.3417, 0.3228



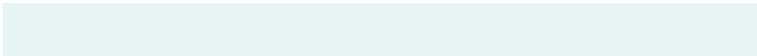
46.2875, 0.3523, 0.3505

Sweetspot

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



46.2894, 0.2843, 0.3345



88.5159, 0.3042, 0.3305



45.4041, 0.3138, 0.3864



18.9774, 0.3033, 0.3306



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.



46.2894, 0.2843, 0.3345



81.5356, 0.2791, 0.3357



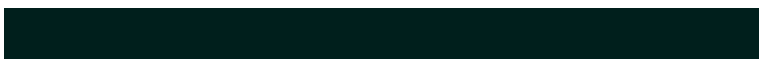
40.2005, 0.2801, 0.3073



10.7925, 0.2998, 0.3313



26.4464, 0.2334, 0.3601



1.0408, 0.2311, 0.3519

Inverse Universe

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



34.6007, 0.3506, 0.3236



57.1988, 0.3604, 0.3225



39.6517, 0.3506, 0.3498



9.5516, 0.3273, 0.3267



7.3164, 0.6267, 0.3226



0.2919, 0.5836, 0.2989

Previews

White Background



This preview shows how the Yxy color 46.2875, 0.2843, 0.3345 looks on a white background.

Color Contrast Check

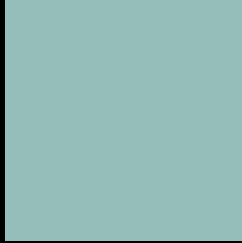
Large Text (above 18pt) WCAG AA × Fail

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 46.2875, 0.2843, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

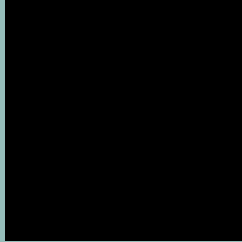
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

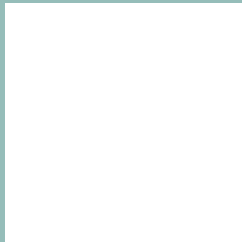
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2875, 0.2843, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 46.2875, 0.2843, 0.3345.

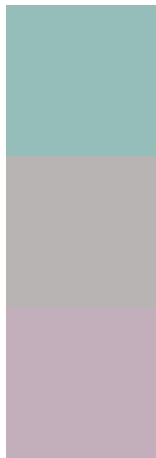


This preview shows how white text looks on a background with the Yxy color 46.2875, 0.2843, 0.3345.

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

46.2875, 0.2843, 0.3345

Protanopia

46.1282, 0.3162, 0.3290

Deuteranopia

45.8929, 0.3196, 0.3127



Tritanopia

46.4331, 0.2756, 0.3101

Trichromacy



Original Color

46.2875, 0.2843, 0.3345

Protanomaly

45.9023, 0.3035, 0.3303

Deuteranomaly

45.6953, 0.3055, 0.3198

Tritanomaly

46.4859, 0.2789, 0.3194

Monochromacy



Original Color

46.2875, 0.2843, 0.3345

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5585, 0.3017, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2875, 0.2843, 0.3345 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(149, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 189, 185)  
}
```

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(149, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 189, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.2875, 0.2843, 0.3345 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(149, 189, 185) }
```

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

```
.border{ border-color:rgb(149, 189, 185) }
```

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

Here you see how a box with a 4 pixel rgb(149, 189, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 189,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2875, 0.2843, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 189, 185) }
```

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

```
.background{ background-color: rgb(149,  
189, 185) }
```

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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