

Converting Colors

$Y_{xy}(50.0189, 0.2917, 0.3340)$

Have a look what the booklet for
Yxy(50.0189, 0.2917, 0.3340)
contains.

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Color

Yxy(50.0878, 0.2915, 0.3342)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A3C2BE |
| RGB | 163, 194, 190 |
| RGB Percent | 64%, 76%, 75% |
| CMY | 0.3609, 0.2392, 0.2548 |
| CMYK | 0.16, 0.00, 0.02, 0.24 |
| HSL | 172°, 20%, 70% |
| HSV | 172°, 16%, 76% |
| XYZ | 43.6882, 50.0878, 56.0977 |
| YIQ | 184.2750, -17.1920, -7.8160 |

Conversions

Conversions Part 2

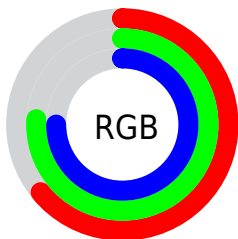
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 163, 180, 194 |
| Decimal | 10732222 |
| CIE Lab | 76.12, -11.21, -1.50 |
| CIE LCh | 76, 11.309, 187.626 |
| Yxy | 50.0878, 0.2915, 0.3342 |
| Android (android.graphics.Color) | 4288922302 (0xFFA3C2BE) |
| YUV | 184.2750, 2.8224, -18.6582 |
| Hunter-Lab | 70.7727, -13.6638, 2.5449 |

Details

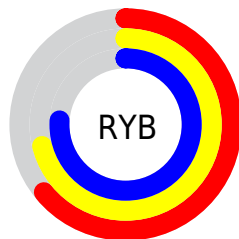
The Yxy color **50.0878, 0.2915, 0.3342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4425, 0.3389, 0.3239**, and the grayscale version is **48.0830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5536, 0.2953, 0.3341**, and **23.9418, 0.2856, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **48.0893, 0.2792, 0.3378**, and if you desaturate by 10%, it is **52.4065, 0.3046, 0.3309**.

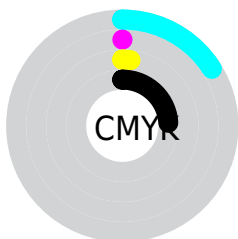
Distribution



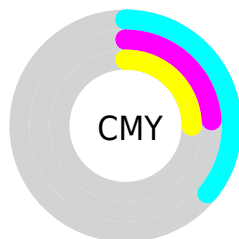
- Red (64%)
- Green (76%)
- Blue (75%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0878, 0.2915, 0.3342 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 50.0878, 0.2915, 0.3342 by changing the saturation by 10% instead.


 50.0878, 0.2915,
0.3342

 50.0878, 0.2915,
0.3342


387.0092, 0.3020,
0.3317

 35.4832, 0.2889,
0.3348


 90.3050, 0.2953,
0.3333

 24.0353, 0.2857,
0.3356


 116.6863, 0.2967,
0.3330

 15.3598, 0.2814,
0.3366


147.7619, 0.2979,
0.3327

 9.0723, 0.2755,
0.3379

183.9163, 0.2989,
0.3324

 4.7884, 0.2668,
0.3398

225.5338, 0.2998,
0.3322

 2.1236, 0.2529,
0.3427

272.9989, 0.3006,

 0.6779, 0.1960,

0.3320

0.3584

326.6959, 0.3013,
0.3318

0.0000, 0.0000,
0.0000

50.0878, 0.2915,
0.3342

50.0878, 0.2915,
0.3342

48.0893, 0.2792,
0.3378

52.4065, 0.3046,
0.3309

46.3904, 0.2681,
0.3417

55.0525, 0.3182,
0.3278

44.9778, 0.2583,
0.3458

58.0404, 0.3321,
0.3251

43.8348, 0.2502,
0.3501

61.3822, 0.3461,
0.3227

42.9428, 0.2438,
0.3545

64.1335, 0.3559,
0.3204

■ 42.2811, 0.2394,
0.3590

■ 64.2526, 0.3539,
0.3178

■ 41.8255, 0.2369,
0.3635

■ 64.3736, 0.3519,
0.3153

■ 41.5452, 0.2361,
0.3679

■ 64.4965, 0.3499,
0.3128

■ 41.4576, 0.2360,
0.3697

■ 64.6213, 0.3479,
0.3102

Harmonies

Analogous

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



50.0878, 0.3046, 0.3472



50.0878, 0.2915, 0.3342



50.0878, 0.2841, 0.3200

Triad

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



50.0878, 0.2915, 0.3342



50.0878, 0.3047, 0.3045



50.0878, 0.3421, 0.3485

Complementary

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



50.0878, 0.2915, 0.3342



40.4425, 0.3389, 0.3239

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.



50.0878, 0.3423, 0.3368



50.0878, 0.2915, 0.3342



50.0878, 0.3204, 0.3118

Square

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



50.0878, 0.2915, 0.3342



50.0878, 0.2915, 0.3033



50.0878, 0.3342, 0.3235



50.0878, 0.3340, 0.3554

Rectangle

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



50.0878, 0.2915, 0.3342



50.0878, 0.2832, 0.3120



50.0878, 0.3342, 0.3235



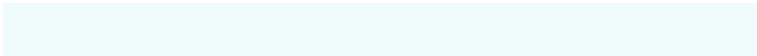
50.0878, 0.3431, 0.3450

Sweetspot

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



50.0899, 0.2915, 0.3342



95.3534, 0.3058, 0.3306



49.4580, 0.3140, 0.3710



20.8104, 0.3049, 0.3308



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



50.0899, 0.2915, 0.3342



89.4822, 0.2873, 0.3354



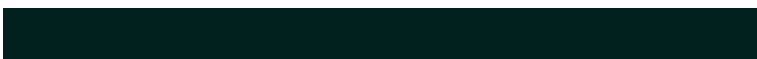
45.3925, 0.2881, 0.3137



11.4055, 0.3001, 0.3320



27.2629, 0.2359, 0.3691



1.1843, 0.2331, 0.3592

Inverse Universe

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



40.4425, 0.3389, 0.3239



68.8806, 0.3455, 0.3228



44.5217, 0.3403, 0.3438



10.0984, 0.3269, 0.3261



7.5934, 0.6220, 0.3200



0.3351, 0.5735, 0.2933

Previews

White Background



This preview shows how the Yxy color 50.0878, 0.2915, 0.3342 looks on a white background.

Color Contrast Check

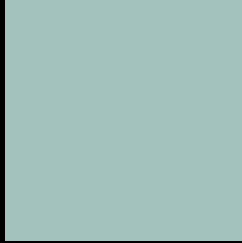
Large Text (above 18pt) WCAG AA × Fail

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 50.0878, 0.2915, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

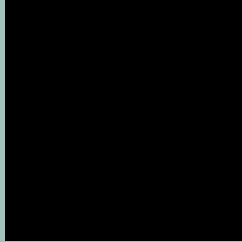
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

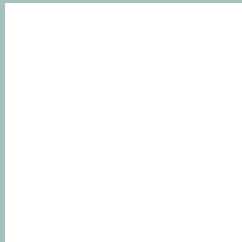
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0878, 0.2915, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 50.0878, 0.2915, 0.3342.



This preview shows how white text looks on a background with the Yxy color 50.0878, 0.2915, 0.3342.

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

50.0878, 0.2915, 0.3342

Protanopia

49.7393, 0.3169, 0.3290

Deuteranopia

50.0027, 0.3219, 0.3157



Tritanopia

49.8736, 0.2820, 0.3083

Trichromacy



Original Color

50.0878, 0.2915, 0.3342

Protanomaly

49.8068, 0.3077, 0.3316

Deuteranomaly

49.6149, 0.3098, 0.3214

Tritanomaly

49.9157, 0.2854, 0.3172

Monochromacy



Original Color

50.0878, 0.2915, 0.3342

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7417, 0.3044, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0878, 0.2915, 0.3342 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(163, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 190)  
}
```

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(163, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.0878, 0.2915, 0.3342 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(163, 194, 190) }
```

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

```
.border{ border-color:rgb(163, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0878, 0.2915, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 190) }
```

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

```
.background{ background-color: rgb(163,  
194, 190) }
```

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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