

Converting Colors

$Y_{xy}(55.4565, 0.2733, 0.3368)$

Have a look what the booklet for
Yxy(55.4565, 0.2733, 0.3368)
contains.

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Color

Yxy(55.4870, 0.2735, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	92D0CA
RGB	146, 208, 202
RGB Percent	57%, 82%, 79%
CMY	0.4278, 0.1842, 0.2079
CMYK	0.30, 0.00, 0.03, 0.18
HSL	174°, 40%, 69%
HSV	174°, 30%, 82%
XYZ	45.0585, 55.4870, 64.2021
YIQ	188.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

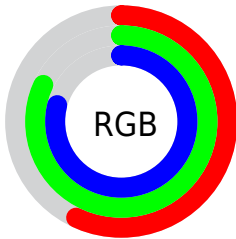
Format	Color
RYB	146, 179, 208
Decimal	9621706
CIELab	79.32, -21.00, -3.36
CIELCh	79, 21.267, 189.101
Yxy	55.4870, 0.2735, 0.3368
Android (android.graphics.Color)	4287811786 (0xFF92D0CA)
YUV	188.7780, 6.5184, -37.5163
Hunter-Lab	74.4896, -22.3828, 1.0410

Details

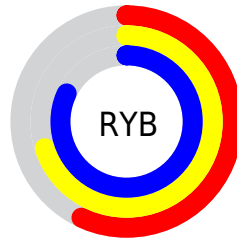
The Yxy color **55.4870, 0.2735, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2124, 0.3725, 0.3215**, and the grayscale version is **50.7242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **27.2477, 0.2635, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **53.6592, 0.2625, 0.3398**, and if you desaturate by 10%, it is **57.6673, 0.2857, 0.3340**.

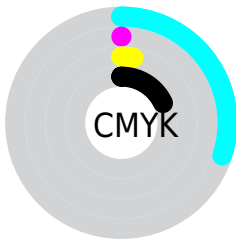
Distribution



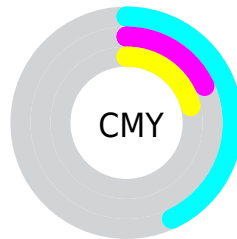
- Red (57%)
- Green (82%)
- Blue (79%)



- Red (57%)
- Yellow (70%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (43%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4870, 0.2735, 0.3368 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 55.4870, 0.2735, 0.3368 by changing the saturation by 10% instead.


 55.4870, 0.2735,
0.3368


 55.4870, 0.2735,
0.3368

407.7553, 0.2924,
0.3332

 39.7918, 0.2690,
0.3376


 98.2541, 0.2802,
0.3356

 27.3762, 0.2633,
0.3386

 126.0948, 0.2828,
0.3351

 17.8560, 0.2560,
0.3398


158.7527, 0.2850,
0.3347

 10.8466, 0.2461,
0.3414

196.6124, 0.2868,
0.3343

 5.9638, 0.2321,
0.3435

240.0580, 0.2885,
0.3340

 2.8231, 0.2108,
0.3462

289.4741, 0.2899,

 1.0401, 0.1601,

0.3337

0.3558

345.2451, 0.2912,
0.3334

0.0000, 0.0000,
0.0000

55.4870, 0.2735,
0.3368

55.4870, 0.2735,
0.3368

53.6592, 0.2625,
0.3398

57.6673, 0.2857,
0.3340

52.1584, 0.2531,
0.3430

60.2108, 0.2990,
0.3314

50.9662, 0.2454,
0.3462

63.1359, 0.3129,
0.3290

50.0596, 0.2396,
0.3496

66.4581, 0.3273,
0.3268

49.4125, 0.2358,
0.3529

70.1916, 0.3418,
0.3249

■ 48.9938, 0.2338,
0.3562

■ 71.2428, 0.3442,
0.3229

■ 48.7474, 0.2332,
0.3595

■ 71.3468, 0.3427,
0.3208

■ 48.7441, 0.2332,
0.3596

■ 71.4521, 0.3412,
0.3188

■ 71.5587, 0.3397,
0.3168

Harmonies

Analogous

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



55.4870, 0.2964, 0.3618



55.4870, 0.2735, 0.3368



55.4870, 0.2612, 0.3107

Triad

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



55.4870, 0.2735, 0.3368



55.4870, 0.2992, 0.2859



55.4870, 0.3659, 0.3645

Complementary

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



55.4870, 0.2735, 0.3368



36.2124, 0.3725, 0.3215

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.



55.4870, 0.3672, 0.3433



55.4870, 0.2735, 0.3368



55.4870, 0.3277, 0.2992

Square

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



55.4870, 0.2735, 0.3368



55.4870, 0.2755, 0.2828



55.4870, 0.3530, 0.3198



55.4870, 0.3500, 0.3774

Rectangle

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



55.4870, 0.2735, 0.3368



55.4870, 0.2601, 0.2967



55.4870, 0.3530, 0.3198



55.4870, 0.3681, 0.3580

Sweetspot

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



55.4892, 0.2735, 0.3368



95.7613, 0.3000, 0.3312



53.8829, 0.3132, 0.4144



20.3604, 0.2980, 0.3315



0.0000, 0.0000, 0.0000



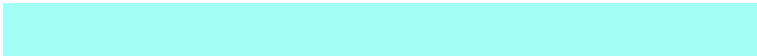
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4892, 0.2735, 0.3368



85.9863, 0.2661, 0.3388



44.6008, 0.2663, 0.2954



13.3865, 0.2996, 0.3313



30.3813, 0.2331, 0.3591



1.7046, 0.2314, 0.3530

Inverse Universe

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



36.2124, 0.3725, 0.3215



50.5087, 0.3915, 0.3198



44.5217, 0.3699, 0.3602



11.8266, 0.3275, 0.3268



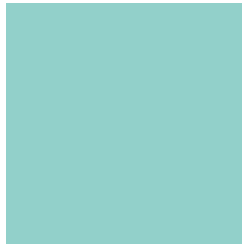
8.3963, 0.6280, 0.3233



0.4760, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 55.4870, 0.2735, 0.3368 looks on a white background.

Color Contrast Check

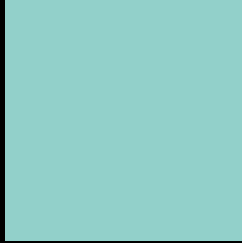
Large Text (above 18pt) WCAG AA × Fail

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 55.4870, 0.2735, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

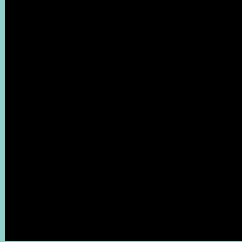
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

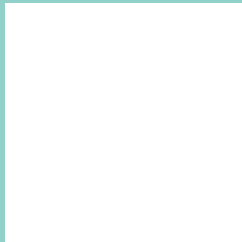
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4870, 0.2735, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 55.4870, 0.2735, 0.3368.

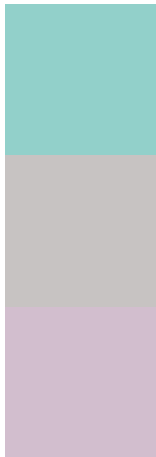


This preview shows how white text looks on a background with the Yxy color 55.4870, 0.2735, 0.3368.

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

55.4870, 0.2735, 0.3368

Protanopia

55.0674, 0.3167, 0.3302

Deuteranopia

54.9848, 0.3168, 0.3104



Tritanopia

55.4206, 0.2640, 0.3074

Trichromacy



Original Color

55.4870, 0.2735, 0.3368

Protanomaly

55.0431, 0.2995, 0.3327

Deuteranomaly

54.9051, 0.2993, 0.3192

Tritanomaly

55.4385, 0.2675, 0.3173

Monochromacy



Original Color

55.4870, 0.2735, 0.3368

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2591, 0.2963, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4870, 0.2735, 0.3368 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(146, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(146, 208, 202)  
}
```

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(146, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 55.4870, 0.2735, 0.3368 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(146, 208, 202) }
```

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

```
.border{ border-color:rgb(146, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(146, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4870, 0.2735, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 208, 202) }
```

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

```
.background{ background-color: rgb(146,  
208, 202) }
```

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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