

Converting Colors

$Y_{xy}(55.1032, 0.2839, 0.3324)$

Have a look what the booklet for
Yxy(55.1032, 0.2839, 0.3324)
contains.

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Color

Yxy(55.0842, 0.2841, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	A2CCC9
RGB	162, 204, 201
RGB Percent	64%, 80%, 79%
CMY	0.3650, 0.1999, 0.2118
CMYK	0.21, 0.00, 0.01, 0.20
HSL	176°, 29%, 72%
HSV	176°, 21%, 80%
XYZ	47.0235, 55.0842, 63.4097
YIQ	191.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

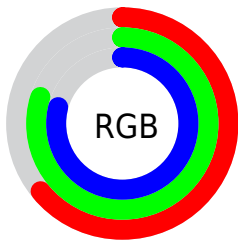
Format	Color
R _{YB}	162, 184, 204
Decimal	10669257
CIE Lab	79.09, -14.42, -3.07
CIE LCh	79, 14.739, 192.021
Yxy	55.0842, 0.2841, 0.3328
Android (android.graphics.Color)	4288859337 (0xFFA2CCC9)
YUV	191.1000, 4.8807, -25.5207
Hunter-Lab	74.2187, -16.7888, 1.2979

Details

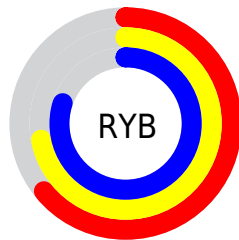
The Yxy color **55.0842, 0.2841, 0.3328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3688, 0.3507, 0.3253**, and the grayscale version is **52.1359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **27.1705, 0.2765, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **53.0530, 0.2717, 0.3349**, and if you desaturate by 10%, it is **57.4672, 0.2976, 0.3309**.

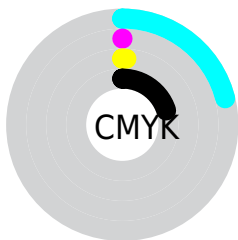
Distribution



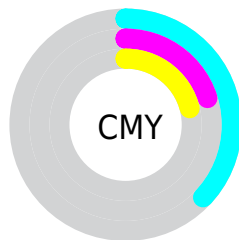
- Red (64%)
- Green (80%)
- Blue (79%)



- Red (64%)
- Yellow (72%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0842, 0.2841, 0.3328 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 55.0842, 0.2841, 0.3328 by changing the saturation by 10% instead.

 55.0842, 0.2841,
0.3328


 55.0842, 0.2841,
0.3328


406.2310, 0.2979,
0.3311

 39.4691, 0.2808,
0.3332


 97.6643, 0.2890,
0.3322

 27.1249, 0.2766,
0.3336


 125.3981, 0.2909,
0.3320

 17.6670, 0.2712,
0.3342


157.9404, 0.2925,
0.3318

 10.7112, 0.2638,
0.3350

195.6754, 0.2939,
0.3316

 5.8730, 0.2533,
0.3359

238.9875, 0.2951,
0.3314

 2.7680, 0.2372,
0.3371

288.2613, 0.2961,

 1.0118, 0.2036,

0.3313

0.3407

343.8810, 0.2971,
0.3312

0.0000, 0.0000,
0.0000

55.0842, 0.2841,
0.3328

55.0842, 0.2841,
0.3328

53.0530, 0.2717,
0.3349

57.4672, 0.2976,
0.3309

51.3500, 0.2606,
0.3371

60.2107, 0.3118,
0.3291

49.9595, 0.2511,
0.3394

63.3317, 0.3265,
0.3275

48.8616, 0.2434,
0.3418

66.8439, 0.3414,
0.3261

48.0343, 0.2376,
0.3442

69.0264, 0.3493,
0.3247

■ 47.4523, 0.2337,
0.3466

■ 69.0990, 0.3482,
0.3232

■ 47.0857, 0.2316,
0.3490

■ 69.1723, 0.3471,
0.3217

■ 46.8861, 0.2309,
0.3512

■ 69.2463, 0.3460,
0.3202

■ 69.3210, 0.3448,
0.3187

Harmonies

Analogous

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



55.0842, 0.2997, 0.3500



55.0842, 0.2841, 0.3328



55.0842, 0.2761, 0.3151

Triad

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



55.0842, 0.2841, 0.3328



55.0842, 0.3054, 0.2992



55.0842, 0.3490, 0.3552

Complementary

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



55.0842, 0.2841, 0.3328



41.3688, 0.3507, 0.3253

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.



55.0842, 0.3508, 0.3410



55.0842, 0.2841, 0.3328



55.0842, 0.3252, 0.3093

Square

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



55.0842, 0.2841, 0.3328



55.0842, 0.2881, 0.2964



55.0842, 0.3420, 0.3243



55.0842, 0.3373, 0.3629

Rectangle

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



55.0842, 0.2841, 0.3328



55.0842, 0.2760, 0.3056



55.0842, 0.3420, 0.3243



55.0842, 0.3508, 0.3510

Sweetspot

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



55.0865, 0.2841, 0.3328



97.1422, 0.3040, 0.3300



53.8478, 0.3127, 0.3852



20.7288, 0.3030, 0.3302



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.



55.0865, 0.2841, 0.3328



89.5573, 0.2781, 0.3338



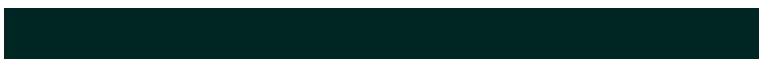
47.3548, 0.2807, 0.3059



12.7126, 0.2993, 0.3306



29.5094, 0.2308, 0.3509



1.5266, 0.2295, 0.3462

Inverse Universe

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



41.3688, 0.3507, 0.3253



62.6085, 0.3620, 0.3244



47.8730, 0.3493, 0.3510



11.2265, 0.3279, 0.3274



8.1063, 0.6315, 0.3252



0.4229, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 55.0842, 0.2841, 0.3328 looks on a white background.

Color Contrast Check

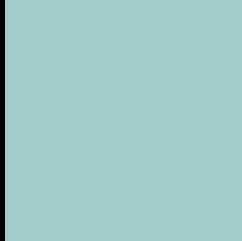
Large Text (above 18pt) WCAG AA × Fail

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 55.0842, 0.2841, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

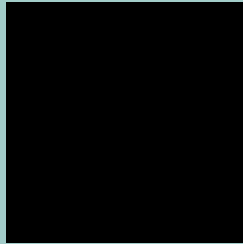
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

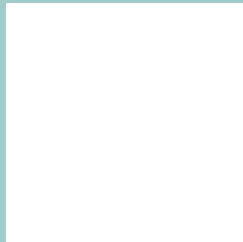
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0842, 0.2841, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 55.0842, 0.2841, 0.3328.



This preview shows how white text looks on a background with the Yxy color 55.0842, 0.2841, 0.3328.

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

55.0842, 0.2841, 0.3328

Protanopia

54.6658, 0.3160, 0.3278

Deuteranopia

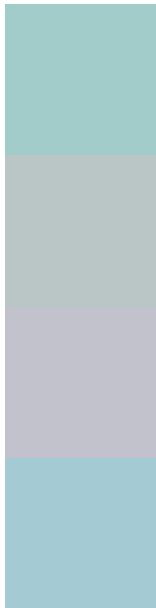
54.4565, 0.3184, 0.3115



Tritanopia

54.8346, 0.2753, 0.3077

Trichromacy



Original Color

55.0842, 0.2841, 0.3328

Protanomaly

54.8585, 0.3041, 0.3302

Deuteranomaly

54.2328, 0.3053, 0.3180

Tritanomaly

54.8870, 0.2784, 0.3163

Monochromacy



Original Color

55.0842, 0.2841, 0.3328

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.1233, 0.3009, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0842, 0.2841, 0.3328 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(162, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 201)  
}
```

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(162, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.0842, 0.2841, 0.3328 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(162, 204, 201) }
```

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

```
.border{ border-color:rgb(162, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(162, 204,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0842, 0.2841, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 201) }
```

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

```
.background{ background-color: rgb(162,  
204, 201) }
```

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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