

Converting Colors

$Yxy(55.4874, 0.2853, 0.3391)$

Have a look what the booklet for
Yxy(55.4874, 0.2853, 0.3391)
contains.

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Color

Yxy(55.6934, 0.2848, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	A0CEC6
RGB	160, 206, 198
RGB Percent	63%, 81%, 78%
CMY	0.3726, 0.1921, 0.2234
CMYK	0.22, 0.00, 0.04, 0.19
HSL	170°, 32%, 72%
HSV	170°, 22%, 81%
XYZ	46.7614, 55.6934, 61.7356
YIQ	191.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

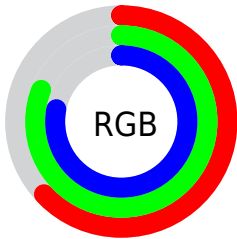
Format	Color
RYB	160, 185, 206
Decimal	10538694
CIELab	79.44, -16.66, -0.98
CIELCh	79, 16.686, 183.382
Yxy	55.6934, 0.2848, 0.3392
Android (android.graphics.Color)	4288728774 (0xFFA0CEC6)
YUV	191.3340, 3.2863, -27.4799
Hunter-Lab	74.6280, -18.7520, 3.1923

Details

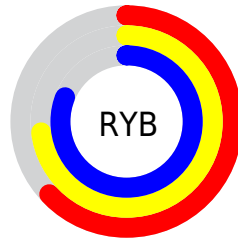
The Yxy color **55.6934, 0.2848, 0.3392** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0810, 0.3502, 0.3191**, and the grayscale version is **52.2955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **27.5959, 0.2775, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **53.5833, 0.2737, 0.3444**, and if you desaturate by 10%, it is **58.1637, 0.2969, 0.3344**.

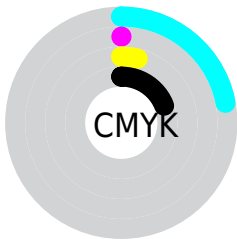
Distribution



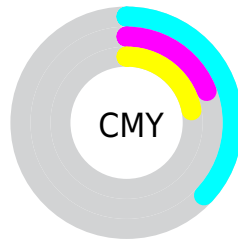
- Red (63%)
- Green (81%)
- Blue (78%)



- Red (63%)
- Yellow (73%)
- Blue (81%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)




- Cyan (37%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6934, 0.2848, 0.3392 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 55.6934, 0.2848, 0.3392 by changing the saturation by 10% instead.


 55.6934, 0.2848,
0.3392


 55.6934, 0.2848,
0.3392


408.5350, 0.2983,
0.3343

 39.9572, 0.2816,
0.3404


 98.5562, 0.2896,
0.3375

 27.5051, 0.2775,
0.3418


 126.4515, 0.2914,
0.3368

 17.9530, 0.2722,
0.3437


159.1686, 0.2930,
0.3362

 10.9162, 0.2650,
0.3463

197.0919, 0.2944,
0.3358

 6.0105, 0.2547,
0.3498

240.6058, 0.2955,
0.3353

 2.8515, 0.2388,
0.3553

290.0947, 0.2966,

 1.0547, 0.2045,

0.3349

0.3677

345.9430, 0.2975,
0.3346

0.0000, 0.0000,
0.0000

55.6934, 0.2848,
0.3392

55.6934, 0.2848,
0.3392

53.5833, 0.2737,
0.3444

58.1637, 0.2969,
0.3344

51.8092, 0.2637,
0.3500

61.0035, 0.3097,
0.3300

50.3546, 0.2553,
0.3558

64.2303, 0.3228,
0.3260

49.1988, 0.2487,
0.3619

67.8583, 0.3361,
0.3224

48.3187, 0.2439,
0.3681

70.3562, 0.3432,
0.3191

■ 47.6878, 0.2411,
0.3743

■ 70.5425, 0.3406,
0.3155

■ 47.2742, 0.2401,
0.3805

■ 70.7327, 0.3379,
0.3119

■ 47.0614, 0.2403,
0.3852

■ 70.9270, 0.3353,
0.3083

■ 71.1254, 0.3326,
0.3048

Harmonies

Analogous

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



55.6934, 0.3041, 0.3574



55.6934, 0.2848, 0.3392



55.6934, 0.2731, 0.3186

Triad

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



55.6934, 0.2848, 0.3392



55.6934, 0.2982, 0.2937



55.6934, 0.3555, 0.3544

Complementary

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



55.6934, 0.2848, 0.3392



41.0810, 0.3502, 0.3191

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.



55.6934, 0.3540, 0.3371



55.6934, 0.2848, 0.3392



55.6934, 0.3203, 0.3029

Square

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



55.6934, 0.2848, 0.3392



55.6934, 0.2806, 0.2931



55.6934, 0.3410, 0.3185



55.6934, 0.3451, 0.3657

Rectangle

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



55.6934, 0.2848, 0.3392



55.6934, 0.2709, 0.3067



55.6934, 0.3410, 0.3185



55.6934, 0.3564, 0.3490

Sweetspot

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



55.6957, 0.2848, 0.3392



96.5730, 0.3035, 0.3320



55.0531, 0.3162, 0.3898



20.6105, 0.3028, 0.3323



0.0000, 0.0000, 0.0000



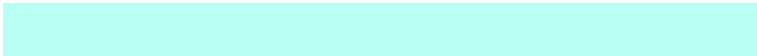
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6957, 0.2848, 0.3392



88.4542, 0.2791, 0.3418



49.3770, 0.2784, 0.3099



12.6924, 0.3006, 0.3330



28.9898, 0.2401, 0.3843



1.5046, 0.2367, 0.3722

Inverse Universe

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



41.0810, 0.3502, 0.3191



60.5212, 0.3613, 0.3168



46.1459, 0.3541, 0.3473



11.2448, 0.3263, 0.3250



8.1671, 0.6126, 0.3149



0.4313, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 55.6934, 0.2848, 0.3392 looks on a white background.

Color Contrast Check

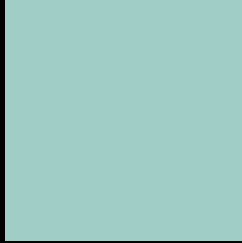
Large Text (above 18pt) WCAG AA × Fail

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 55.6934, 0.2848, 0.3392 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

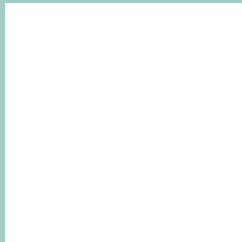
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6934, 0.2848, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 55.6934, 0.2848, 0.3392.



This preview shows how white text looks on a background with the Yxy color 55.6934, 0.2848, 0.3392.

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

55.6934, 0.2848, 0.3392

Protanopia

55.2535, 0.3198, 0.3326

Deuteranopia

55.1901, 0.3231, 0.3162



Tritanopia

55.7189, 0.2742, 0.3090

Trichromacy



Original Color

55.6934, 0.2848, 0.3392

Protanomaly

55.1810, 0.3062, 0.3352

Deuteranomaly

55.1193, 0.3082, 0.3241

Tritanomaly

55.6754, 0.2786, 0.3201

Monochromacy



Original Color

55.6934, 0.2848, 0.3392

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0782, 0.3017, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6934, 0.2848, 0.3392 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(160, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 206, 198)  
}
```

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(160, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 206, 198) }
```

Border

The CSS property to change the border of an element to Yxy 55.6934, 0.2848, 0.3392 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(160, 206, 198) }
```

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

```
.border{ border-color:rgb(160, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 206,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6934, 0.2848, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 206, 198) }
```

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

```
.background{ background-color: rgb(160,  
206, 198) }
```

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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