

Converting Colors

$Y_{xy}(55.4400, 0.2638, 0.3289)$

Have a look what the booklet for
Yxy(55.4400, 0.2638, 0.3289)
contains.

Yxy(55.4386, 0.2637, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.4386, 0.2637, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	88D1D1
RGB	136, 209, 209
RGB Percent	53%, 82%, 82%
CMY	0.4671, 0.1803, 0.1804
CMYK	0.35, 0.00, 0.00, 0.18
HSL	180°, 44%, 68%
HSV	180°, 35%, 82%
XYZ	44.4486, 55.4386, 68.6704
YIQ	187.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

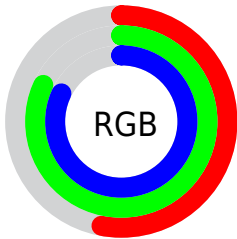
Format	Color
R _Y B	136, 173, 209
Decimal	8966609
CIE Lab	79.29, -22.65, -7.22
CIE LCh	79, 23.769, 197.672
Yxy	55.4386, 0.2637, 0.3289
Android (android.graphics.Color)	4287156689 (0xFF88D1D1)
YUV	187.1730, 10.7607, -44.8787
Hunter-Lab	74.4571, -23.7408, -2.5621

Details

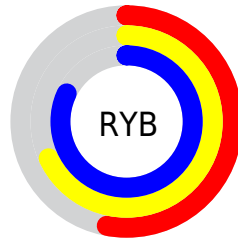
The Yxy color **55.4386, 0.2637, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.9147, 0.3954, 0.3292**, and the grayscale version is **49.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **27.2271, 0.2506, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **53.8591, 0.2527, 0.3289**, and if you desaturate by 10%, it is **57.3637, 0.2763, 0.3289**.

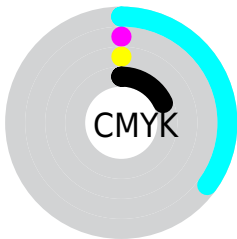
Distribution



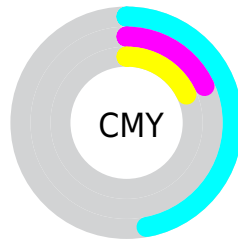
- Red (53%)
- Green (82%)
- Blue (82%)



- Red (53%)
- Yellow (68%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (47%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4386, 0.2637, 0.3289 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 55.4386, 0.2637, 0.3289 by changing the saturation by 10% instead.

 55.4386, 0.2637,
0.3289


 55.4386, 0.2637,
0.3289


407.5724, 0.2872,
0.3294

 39.7530, 0.2581,
0.3287


 98.1833, 0.2720,
0.3292

 27.3460, 0.2512,
0.3283


 126.0111, 0.2752,
0.3292

 17.8333, 0.2422,
0.3278


 158.6552, 0.2779,
0.3293

 10.8303, 0.2302,
0.3268

196.4998, 0.2803,
0.3293

 5.9529, 0.2135,
0.3251

239.9295, 0.2823,
0.3293

 2.8164, 0.1884,
0.3215

289.3285, 0.2841,

 1.0367, 0.1308,

0.3293

0.3191

345.0814, 0.2857,
0.3294

0.0000, 0.0000,
0.0000

55.4386, 0.2637,
0.3289

55.4386, 0.2637,
0.3289

53.8591, 0.2527,
0.3289

57.3637, 0.2763,
0.3289

52.5986, 0.2435,
0.3289

59.6460, 0.2901,
0.3290

51.6374, 0.2361,
0.3289


62.3049, 0.3050,
0.3290

50.9507, 0.2307,
0.3289


65.3561, 0.3206,
0.3290

50.5098, 0.2271,
0.3289


68.8148, 0.3366,
0.3291

 50.2796, 0.2253,
0.3289

 71.4779, 0.3479,
0.3291

 50.2116, 0.2247,
0.3289

 71.4784, 0.3479,
0.3291

 71.4789, 0.3479,
0.3291

 71.4794, 0.3479,
0.3290

Harmonies

Analogous

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



55.4386, 0.2862, 0.3585



55.4386, 0.2637, 0.3289



55.4386, 0.2541, 0.3012

Triad

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



55.4386, 0.2637, 0.3289



55.4386, 0.3065, 0.2844



55.4386, 0.3686, 0.3738

Complementary

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



55.4386, 0.2637, 0.3289



32.9147, 0.3954, 0.3292

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.



55.4386, 0.3751, 0.3519



55.4386, 0.2637, 0.3289



55.4386, 0.3383, 0.3018

Square

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



55.4386, 0.2637, 0.3289



55.4386, 0.2778, 0.2774



55.4386, 0.3639, 0.3259



55.4386, 0.3468, 0.3848

Rectangle

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



55.4386, 0.2637, 0.3289



55.4386, 0.2558, 0.2877



55.4386, 0.3639, 0.3259



55.4386, 0.3727, 0.3674

Sweetspot

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



55.4408, 0.2637, 0.3289



95.4796, 0.2973, 0.3290



52.7153, 0.3087, 0.4330



20.3113, 0.2952, 0.3290



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.



55.4408, 0.2637, 0.3289



85.0232, 0.2553, 0.3289



39.9792, 0.2571, 0.2799



13.4070, 0.2983, 0.3290



30.9515, 0.2247, 0.3289



1.7306, 0.2247, 0.3289

Inverse Universe

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



32.9147, 0.3954, 0.3292



44.5450, 0.4225, 0.3293



44.5511, 0.3799, 0.3732



11.8083, 0.3291, 0.3290



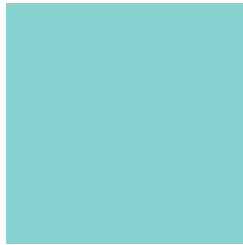
8.3580, 0.6400, 0.3299



0.4674, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 55.4386, 0.2637, 0.3289 looks on a white background.

Color Contrast Check

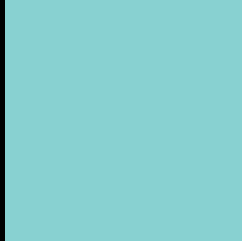
Large Text (above 18pt) WCAG AA × Fail

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 55.4386, 0.2637, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

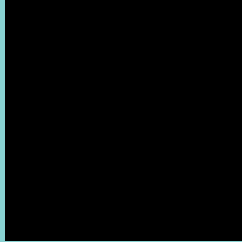
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

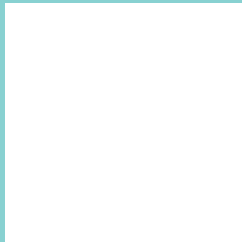
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4386, 0.2637, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 55.4386, 0.2637, 0.3289.

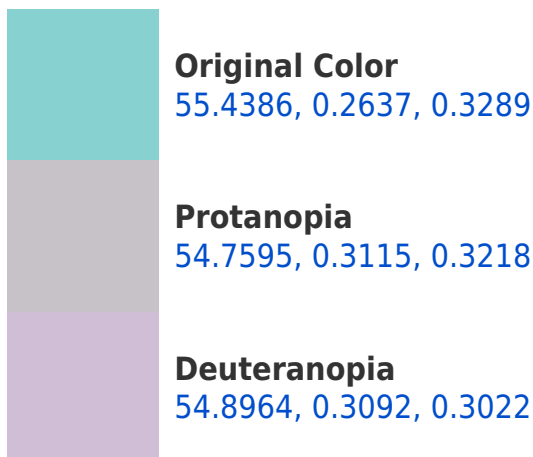


This preview shows how white text looks on a background with the Yxy color 55.4386, 0.2637, 0.3289.

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





Tritanopia

55.5288, 0.2580, 0.3084

Trichromacy



Original Color

55.4386, 0.2637, 0.3289

Protanomaly

54.2726, 0.2917, 0.3239

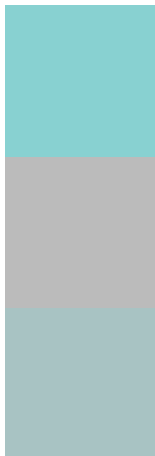
Deuteranomaly

54.5097, 0.2900, 0.3105

Tritanomaly

55.6627, 0.2603, 0.3159

Monochromacy



Original Color

55.4386, 0.2637, 0.3289

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.2952, 0.2919, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4386, 0.2637, 0.3289 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(136, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 209)  
}
```

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(136, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 209) }
```

Border

The CSS property to change the border of an element to Yxy 55.4386, 0.2637, 0.3289 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(136, 209, 209) }
```

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

```
.border{ border-color:rgb(136, 209, 209) }
```

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

Here you see how a box with a 4 pixel rgb(136, 209, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(136, 209,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4386, 0.2637, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 209) }
```

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

```
.background{ background-color: rgb(136,  
209, 209) }
```

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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