

Converting Colors

$Yxy(58.7697, 0.2816, 0.3404)$

Have a look what the booklet for
Yxy(58.7697, 0.2816, 0.3404)
contains.

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Color

Yxy(58.7697, 0.2816, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	9FD4CB
RGB	159, 212, 203
RGB Percent	62%, 83%, 80%
CMY	0.3765, 0.1686, 0.2040
CMYK	0.25, 0.00, 0.04, 0.17
HSL	170°, 38%, 73%
HSV	170°, 25%, 83%
XYZ	48.6179, 58.7697, 65.2613
YIQ	195.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

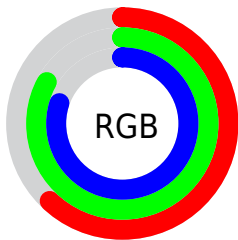
Format	Color
RYB	159, 188, 212
Decimal	10474699
CIELab	81.16, -18.94, -1.10
CIElCh	81, 18.972, 183.330
Yxy	58.7697, 0.2816, 0.3404
Android (android.graphics.Color)	4288664779 (0xFF9FD4CB)
YUV	195.1270, 3.8814, -31.6834
Hunter-Lab	76.6614, -20.9544, 3.1898

Details

The Yxy color **58.7697, 0.2816, 0.3404** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6236, 0.3562, 0.3180**, and the grayscale version is **54.6424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **29.3480, 0.2735, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **56.6170, 0.2707, 0.3456**, and if you desaturate by 10%, it is **61.3030, 0.2935, 0.3355**.

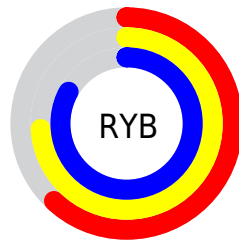
Distribution



Red (62%)

Green (83%)

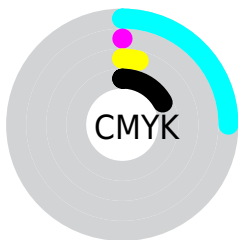
Blue (80%)



Red (62%)

Yellow (74%)

Blue (83%)

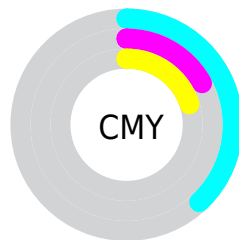


Cyan (25%)

Magenta (0%)

Yellow (4%)

Black (17%)



Cyan (38%)


Magenta (17%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7697, 0.2816, 0.3404 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 58.7697, 0.2816, 0.3404 by changing the saturation by 10% instead.


 58.7697, 0.2816,
0.3404

 58.7697, 0.2816,
0.3404


420.0479, 0.2965,
0.3350

 42.4278, 0.2781,
0.3417

 103.0429, 0.2869,
0.3385

 29.4364, 0.2736,
0.3433


 131.7429, 0.2889,
0.3378

 19.4112, 0.2679,
0.3453


165.3311, 0.2906,
0.3371

 11.9678, 0.2602,
0.3480

204.1918, 0.2921,
0.3366

 6.7217, 0.2494,
0.3518

248.7094, 0.2934,
0.3361

 3.2887, 0.2329,
0.3574

299.2684, 0.2946,

 1.2842, 0.2038,

0.3357

0.3673

356.2531, 0.2956,
0.3353

0.1290, 0.0000,
0.3723

0.0000, 0.0000,
0.0000

58.7697, 0.2816,
0.3404

58.7697, 0.2816,
0.3404

56.6170, 0.2707,
0.3456

61.3030, 0.2935,
0.3355

54.8186, 0.2612,
0.3512

64.2272, 0.3062,
0.3311

53.3563, 0.2532,
0.3570

67.5613, 0.3193,
0.3270

52.2073, 0.2470,
0.3631

71.3209, 0.3327,
0.3234

■ 51.3459, 0.2427,
0.3692

■ 73.5734, 0.3385,
0.3200

■ 50.7422, 0.2404,
0.3753

■ 73.7683, 0.3359,
0.3163

■ 50.3600, 0.2399,
0.3814

■ 73.9673, 0.3333,
0.3127

■ 50.2197, 0.2401,
0.3844

■ 74.1705, 0.3307,
0.3092

■ 74.3779, 0.3281,
0.3056

Harmonies

Analogous

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



58.7697, 0.3030, 0.3609



58.7697, 0.2816, 0.3404



58.7697, 0.2686, 0.3173

Triad

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



58.7697, 0.2816, 0.3404



58.7697, 0.2965, 0.2897



58.7697, 0.3606, 0.3571

Complementary

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



58.7697, 0.2816, 0.3404



41.6236, 0.3562, 0.3180

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.



58.7697, 0.3589, 0.3378



58.7697, 0.2816, 0.3404



58.7697, 0.3211, 0.2999

Square

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



58.7697, 0.2816, 0.3404



58.7697, 0.2769, 0.2891



58.7697, 0.3442, 0.3172



58.7697, 0.3489, 0.3700

Rectangle

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



58.7697, 0.2816, 0.3404



58.7697, 0.2662, 0.3041



58.7697, 0.3442, 0.3172



58.7697, 0.3616, 0.3511

Sweetspot

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



58.7721, 0.2816, 0.3404



96.1121, 0.3022, 0.3324



57.9979, 0.3165, 0.3981



20.4252, 0.3003, 0.3331



0.0000, 0.0000, 0.0000



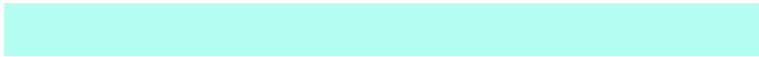
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7721, 0.2816, 0.3404



87.4524, 0.2757, 0.3431



51.2548, 0.2743, 0.3073



14.0698, 0.3005, 0.3330



31.0138, 0.2399, 0.3836



1.8804, 0.2370, 0.3731

Inverse Universe

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



41.6236, 0.3562, 0.3180



57.0857, 0.3688, 0.3155



47.4685, 0.3602, 0.3497



12.4550, 0.3265, 0.3250



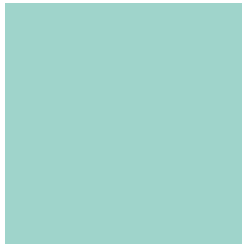
8.7304, 0.6137, 0.3154



0.5374, 0.5685, 0.2906

Previews

White Background



This preview shows how the Yxy color 58.7697, 0.2816, 0.3404 looks on a white background.

Color Contrast Check

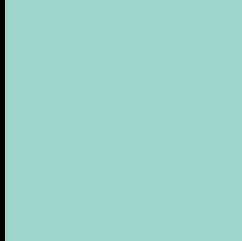
Large Text (above 18pt) WCAG AA × Fail

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 58.7697, 0.2816, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

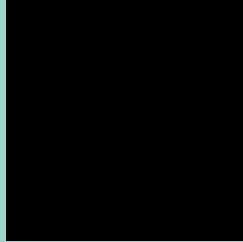
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

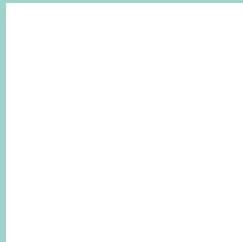
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7697, 0.2816, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 58.7697, 0.2816, 0.3404.

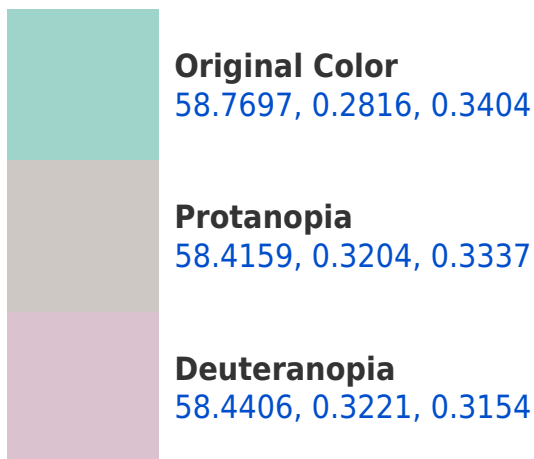


This preview shows how white text looks on a background with the Yxy color 58.7697, 0.2816, 0.3404.

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

58.9297, 0.2714, 0.3093

Trichromacy



Original Color

58.7697, 0.2816, 0.3404

Protanomaly

58.1281, 0.3049, 0.3351

Deuteranomaly

58.0998, 0.3061, 0.3230

Tritanomaly

58.7843, 0.2749, 0.3202

Monochromacy



Original Color

58.7697, 0.2816, 0.3404

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.7956, 0.3004, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7697, 0.2816, 0.3404 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(159, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(159, 212, 203)  
}
```

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(159, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 212, 203) }
```

Border

The CSS property to change the border of an element to Yxy 58.7697, 0.2816, 0.3404 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(159, 212, 203) }
```

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

```
.border{ border-color:rgb(159, 212, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 212, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(159, 212,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7697, 0.2816, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 212, 203) }
```

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

```
.background{ background-color: rgb(159,  
212, 203) }
```

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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