

Converting Colors

$Yxy(59.0015, 0.2817, 0.3513)$

Have a look what the booklet for
Yxy(59.0015, 0.2817, 0.3513)
contains.

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Color

Yxy(58.8967, 0.2816, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	99D6C5
RGB	153, 214, 197
RGB Percent	60%, 84%, 77%
CMY	0.3998, 0.1608, 0.2276
CMYK	0.28, 0.00, 0.08, 0.16
HSL	163°, 43%, 72%
HSV	163°, 28%, 84%
XYZ	47.2651, 58.8967, 61.6829
YIQ	193.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

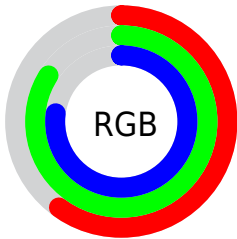
Format	Color
R_{YB}	153, 188, 214
Decimal	10081989
CIE Lab	81.23, -22.99, 2.16
CIE LCh	81, 23.087, 174.635
Yxy	58.8967, 0.2816, 0.3509
Android (android.graphics.Color)	4288272069 (0xFF99D6C5)
YUV	193.8230, 1.5663, -35.8018
Hunter-Lab	76.7442, -24.3681, 6.0668

Details

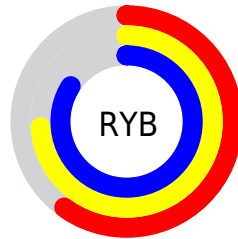
The Yxy color **58.8967, 0.2816, 0.3509** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9987, 0.3576, 0.3083**, and the grayscale version is **53.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2311, 0.2860, 0.3300**, and **29.4888, 0.2738, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **56.7308, 0.2722, 0.3599**, and if you desaturate by 10%, it is **61.4518, 0.2920, 0.3425**.

Distribution



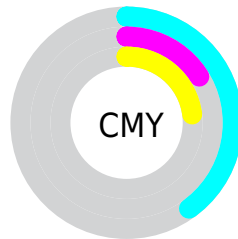
- Red (60%)
- Green (84%)
- Blue (77%)



- Red (60%)
- Yellow (74%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)




- Cyan (40%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8967, 0.2816, 0.3509 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 58.8967, 0.2816, 0.3509 by changing the saturation by 10% instead.


 58.8967, 0.2816,
0.3509

 58.8967, 0.2816,
0.3509

420.5190, 0.2966,
0.3403

 42.5300, 0.2780,
0.3535


 103.2275, 0.2869,
0.3471

 29.5165, 0.2735,
0.3567


 131.9604, 0.2889,
0.3457

 19.4719, 0.2677,
0.3609


165.5841, 0.2907,
0.3444

 12.0117, 0.2598,
0.3666

204.4830, 0.2922,
0.3434

 6.7517, 0.2487,
0.3748

249.0416, 0.2935,
0.3425

 3.3073, 0.2317,
0.3875

299.6442, 0.2946,

 1.2942, 0.1979,

0.3417

356.6752, 0.2957,
0.3409

0.4123

0.1367, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.8967, 0.2816,
0.3509

58.8967, 0.2816,
0.3509

56.7308, 0.2722,
0.3599

61.4518, 0.2920,
0.3425

54.9267, 0.2642,
0.3695

64.4073, 0.3030,
0.3349

53.4649, 0.2577,
0.3796

67.7832, 0.3145,
0.3280

52.3210, 0.2530,
0.3901

71.5957, 0.3261,
0.3218

■ 51.4674, 0.2503,
0.4006

■ 74.8907, 0.3341,
0.3162

■ 50.8715, 0.2496,
0.4112

■ 75.2263, 0.3298,
0.3102

■ 50.4841, 0.2507,
0.4217

■ 75.5734, 0.3256,
0.3044

■ 50.4328, 0.2509,
0.4232

■ 75.9323, 0.3215,
0.2987

■ 76.3029, 0.3174,
0.2930

Harmonies

Analogous

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



58.8967, 0.3094, 0.3736



58.8967, 0.2816, 0.3509



58.8967, 0.2626, 0.3224

Triad

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



58.8967, 0.2816, 0.3509



58.8967, 0.2851, 0.2802



58.8967, 0.3722, 0.3564

Complementary

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



58.8967, 0.2816, 0.3509



39.9987, 0.3576, 0.3083

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.



58.8967, 0.3653, 0.3320



58.8967, 0.2816, 0.3509



58.8967, 0.3139, 0.2894

Square

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



58.8967, 0.2816, 0.3509



58.8967, 0.2646, 0.2827



58.8967, 0.3436, 0.3080



58.8967, 0.3622, 0.3753

Rectangle

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



58.8967, 0.2816, 0.3509



58.8967, 0.2571, 0.3049



58.8967, 0.3436, 0.3080



58.8967, 0.3718, 0.3485

Sweetspot

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



58.8991, 0.2816, 0.3509



95.4981, 0.3023, 0.3354



58.9751, 0.3214, 0.4081



20.2952, 0.3007, 0.3364



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.



58.8991, 0.2816, 0.3509



85.6350, 0.2760, 0.3561



53.3083, 0.2699, 0.3119



14.0459, 0.3019, 0.3356



30.5024, 0.2505, 0.4217



1.8535, 0.2455, 0.4036

Inverse Universe

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



39.9987, 0.3576, 0.3083



53.2050, 0.3705, 0.3039



43.9618, 0.3706, 0.3454



12.4773, 0.3248, 0.3225



8.8522, 0.5820, 0.2980



0.5480, 0.5320, 0.2704

Previews

White Background



This preview shows how the Yxy color 58.8967, 0.2816, 0.3509 looks on a white background.

Color Contrast Check

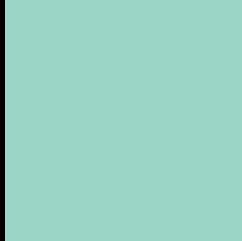
Large Text (above 18pt) WCAG AA × Fail

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 58.8967, 0.2816, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

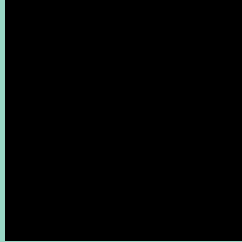
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

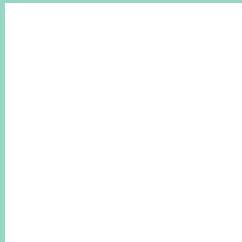
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8967, 0.2816, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 58.8967, 0.2816, 0.3509.

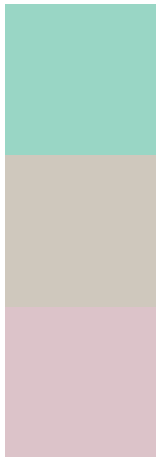


This preview shows how white text looks on a background with the Yxy color 58.8967, 0.2816, 0.3509.

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

58.8967, 0.2816, 0.3509

Protanopia

58.2481, 0.3264, 0.3421

Deuteranopia

58.4629, 0.3283, 0.3222



Tritanopia

58.9551, 0.2679, 0.3092

Trichromacy



Original Color

58.8967, 0.2816, 0.3509

Protanomaly

58.0332, 0.3082, 0.3450

Deuteranomaly

58.1470, 0.3095, 0.3314

Tritanomaly

58.6629, 0.2731, 0.3239

Monochromacy



Original Color

58.8967, 0.2816, 0.3509

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2971, 0.3002, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8967, 0.2816, 0.3509 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(153, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(153, 214, 197)  
}
```

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(153, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 214, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.8967, 0.2816, 0.3509 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(153, 214, 197) }
```

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

```
.border{ border-color:rgb(153, 214, 197) }
```

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

Here you see how a box with a 4 pixel rgb(153, 214, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(153, 214,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8967, 0.2816, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 214, 197) }
```

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

```
.background{ background-color: rgb(153,  
214, 197) }
```

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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