

Converting Colors

$Yxy(59.9556, 0.2825, 0.3314)$

Have a look what the booklet for
Yxy(59.9556, 0.2825, 0.3314)
contains.

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Color

Yxy(59.9556, 0.2825, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	A7D4D2
RGB	167, 212, 210
RGB Percent	65%, 83%, 82%
CMY	0.3452, 0.1686, 0.1765
CMYK	0.21, 0.00, 0.01, 0.17
HSL	177°, 34%, 74%
HSV	177°, 21%, 83%
XYZ	51.1088, 59.9556, 69.8517
YIQ	198.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

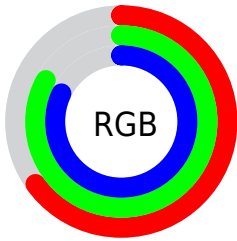
Format	Color
RYB	167, 190, 212
Decimal	10998994
CIELab	81.81, -15.02, -3.85
CIELCh	82, 15.508, 194.364
Yxy	59.9556, 0.2825, 0.3314
Android (android.graphics.Color)	4289189074 (0xFFA7D4D2)
YUV	198.3170, 5.7597, -27.4650
Hunter-Lab	77.4310, -17.6842, 0.7153

Details

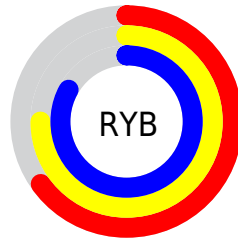
The Yxy color **59.9556, 0.2825, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4917, 0.3534, 0.3267**, and the grayscale version is **56.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **30.0916, 0.2746, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **57.7886, 0.2699, 0.3327**, and if you desaturate by 10%, it is **62.5063, 0.2963, 0.3302**.

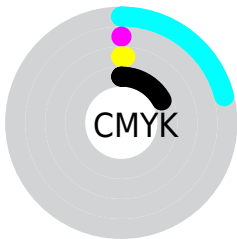
Distribution



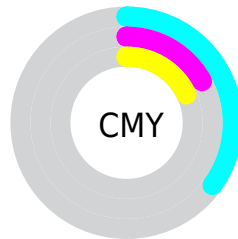
- Red (65%)
- Green (83%)
- Blue (82%)



- Red (65%)
- Yellow (75%)
- Blue (83%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)





- Cyan (35%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9556, 0.2825, 0.3314 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 59.9556, 0.2825, 0.3314 by changing the saturation by 10% instead.


 59.9556, 0.2825,
0.3314


 59.9556, 0.2825,
0.3314


424.4341, 0.2969,
0.3304

 43.3828, 0.2791,
0.3316

 104.7653, 0.2876,
0.3311

 30.1856, 0.2749,
0.3318


 133.7710, 0.2895,
0.3309

 19.9795, 0.2694,
0.3321

167.6898, 0.2912,
0.3308

 12.3802, 0.2622,
0.3324

206.9060, 0.2926,
0.3307

 7.0031, 0.2520,
0.3327

251.8042, 0.2939,
0.3306

 3.4641, 0.2367,
0.3329

302.7687, 0.2950,

 1.3785, 0.2114,

0.3305

360.1839, 0.2960,
0.3305

0.3324

0.2008, 0.0000,
0.2917

0.0000, 0.0000,
0.0000

59.9556, 0.2825,
0.3314

59.9556, 0.2825,
0.3314

57.7886, 0.2699,
0.3327

62.5063, 0.2963,
0.3302

55.9794, 0.2586,
0.3340

65.4505, 0.3109,
0.3291

54.5107, 0.2490,
0.3354

68.8068, 0.3260,
0.3281

53.3604, 0.2412,
0.3369

72.5904, 0.3414,
0.3273

■ 52.5041, 0.2354,
0.3384

■ 73.2442, 0.3431,
0.3263

■ 51.9138, 0.2314,
0.3398

■ 73.2928, 0.3424,
0.3254

■ 51.5561, 0.2293,
0.3413

■ 73.3418, 0.3418,
0.3244

■ 51.3824, 0.2285,
0.3426

■ 73.3910, 0.3411,
0.3235

■ 73.4405, 0.3404,
0.3225

Harmonies

Analogous

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



59.9556, 0.2980, 0.3493



59.9556, 0.2825, 0.3314



59.9556, 0.2751, 0.3135

Triad

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



59.9556, 0.2825, 0.3314



59.9556, 0.3068, 0.2991



59.9556, 0.3492, 0.3567

Complementary

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



59.9556, 0.2825, 0.3314



44.4917, 0.3534, 0.3267

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.



59.9556, 0.3519, 0.3425



59.9556, 0.2825, 0.3314



59.9556, 0.3270, 0.3099

Square

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



59.9556, 0.2825, 0.3314



59.9556, 0.2887, 0.2956



59.9556, 0.3437, 0.3255



59.9556, 0.3365, 0.3639

Rectangle

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



59.9556, 0.2825, 0.3314



59.9556, 0.2754, 0.3041



59.9556, 0.3437, 0.3255



59.9556, 0.3513, 0.3526

Sweetspot

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



59.9581, 0.2825, 0.3314



97.1689, 0.3037, 0.3296



58.3414, 0.3116, 0.3874



20.7351, 0.3028, 0.3297



0.0000, 0.0000, 0.0000



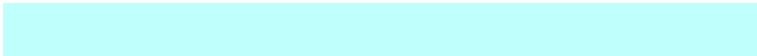
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9581, 0.2825, 0.3314



89.6671, 0.2773, 0.3319



50.5544, 0.2795, 0.3032



14.0979, 0.2989, 0.3300



31.7218, 0.2284, 0.3424



1.9163, 0.2277, 0.3398

Inverse Universe

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



44.4917, 0.3534, 0.3267



62.5300, 0.3635, 0.3262



52.4311, 0.3503, 0.3535



12.4297, 0.3284, 0.3280



8.6578, 0.6349, 0.3271



0.5254, 0.6191, 0.3184

Previews

White Background



This preview shows how the Yxy color 59.9556, 0.2825, 0.3314 looks on a white background.

Color Contrast Check

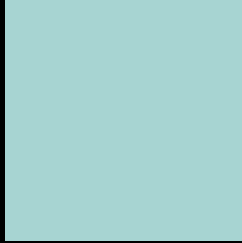
Large Text (above 18pt) WCAG AA × Fail

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 59.9556, 0.2825, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

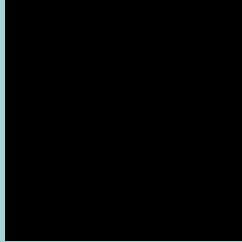
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

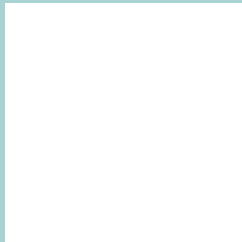
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9556, 0.2825, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 59.9556, 0.2825, 0.3314.



This preview shows how white text looks on a background with the Yxy color 59.9556, 0.2825, 0.3314.

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

59.9556, 0.2825, 0.3314

Protanopia

59.7225, 0.3144, 0.3267

Deuteranopia

59.6420, 0.3175, 0.3110



Tritanopia

60.1302, 0.2747, 0.3096

Trichromacy



Original Color

59.9556, 0.2825, 0.3314

Protanomaly

59.8053, 0.3023, 0.3290

Deuteranomaly

59.1366, 0.3034, 0.3172

Tritanomaly

60.1909, 0.2777, 0.3179

Monochromacy



Original Color

59.9556, 0.2825, 0.3314

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5409, 0.3013, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9556, 0.2825, 0.3314 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(167, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(167, 212, 210)  
}
```

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(167, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 212, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.9556, 0.2825, 0.3314 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(167, 212, 210) }
```

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

```
.border{ border-color:rgb(167, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(167, 212,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9556, 0.2825, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 212, 210) }
```

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

```
.background{ background-color: rgb(167,  
212, 210) }
```

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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