

Converting Colors

$Yxy(59.5034, 0.2925, 0.3440)$

Have a look what the booklet for
Yxy(59.5034, 0.2925, 0.3440)
contains.

Yxy(59.4827, 0.2927, 0.3439)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4827, 0.2927, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	ACD3C7
RGB	172, 211, 199
RGB Percent	67%, 83%, 78%
CMY	0.3253, 0.1726, 0.2195
CMYK	0.18, 0.00, 0.06, 0.17
HSL	162°, 31%, 75%
HSV	162°, 18%, 83%
XYZ	50.6269, 59.4827, 62.8555
YIQ	197.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

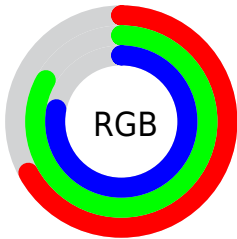
Format	Color
RYB	172, 195, 211
Decimal	11326407
CIELab	81.56, -15.19, 1.67
CIELCh	82, 15.285, 173.724
Yxy	59.4827, 0.2927, 0.3439
Android (android.graphics.Color)	4289516487 (0xFFACD3C7)
YUV	197.9710, 0.5073, -22.7766
Hunter-Lab	77.1250, -17.7967, 5.6672

Details

The Yxy color **59.4827, 0.2927, 0.3439** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8364, 0.3377, 0.3146**, and the grayscale version is **56.4669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **29.7432, 0.2875, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **56.9883, 0.2827, 0.3531**, and if you desaturate by 10%, it is **62.3740, 0.3034, 0.3355**.

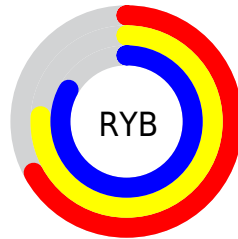
Distribution



Red (67%)

Green (83%)

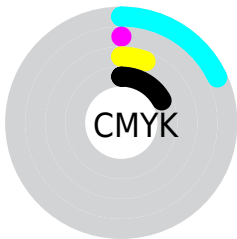
Blue (78%)



Red (67%)

Yellow (76%)

Blue (83%)

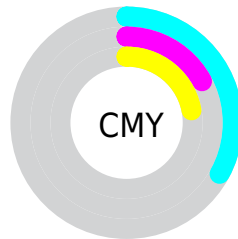


Cyan (18%)

Magenta (0%)

Yellow (6%)

Black (17%)



Cyan (33%)


Magenta (17%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4827, 0.2927, 0.3439 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 59.4827, 0.2927, 0.3439 by changing the saturation by 10% instead.

 59.4827, 0.2927,
0.3439

 59.4827, 0.2927,
0.3439


422.6884, 0.3023,
0.3367

 43.0018, 0.2904,
0.3456


 104.0789, 0.2961,
0.3413

 29.8865, 0.2875,
0.3478


132.9630, 0.2974,
0.3404

 19.7525, 0.2838,
0.3506


166.7503, 0.2985,
0.3395

 12.2153, 0.2787,
0.3545

205.8251, 0.2995,
0.3388

 6.8904, 0.2716,
0.3600

250.5720, 0.3003,
0.3382

 3.3937, 0.2606,
0.3685

301.3752, 0.3011,

 1.3406, 0.2417,

0.3376

0.3834

358.6192, 0.3017,
0.3371

0.1723, 0.0000,
0.7088

0.0000, 0.0000,
0.0000

59.4827, 0.2927,
0.3439

59.4827, 0.2927,
0.3439

56.9883, 0.2827,
0.3531

62.3740, 0.3034,
0.3355

54.8653, 0.2736,
0.3631


65.6715, 0.3144,
0.3279

53.0968, 0.2658,
0.3738

69.3935, 0.3257,
0.3211


51.6615, 0.2596,
0.3850


73.2783, 0.3358,
0.3150


 50.5359, 0.2551,
0.3965


 73.6392, 0.3311,
0.3086

 49.6932, 0.2526,
0.4083

 74.0137, 0.3265,
0.3022

 49.1021, 0.2522,
0.4200

 74.4019, 0.3220,
0.2960

 48.7148, 0.2535,
0.4316

 74.8040, 0.3175,
0.2899

 48.6623, 0.2537,
0.4334

 75.0637, 0.3147,
0.2861

Harmonies

Analogous

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



59.4827, 0.3114, 0.3582



59.4827, 0.2927, 0.3439



59.4827, 0.2796, 0.3256

Triad

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



59.4827, 0.2927, 0.3439



59.4827, 0.2940, 0.2962



59.4827, 0.3518, 0.3473

Complementary

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



59.4827, 0.2927, 0.3439



46.8364, 0.3377, 0.3146

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.



59.4827, 0.3469, 0.3309



59.4827, 0.2927, 0.3439



59.4827, 0.3131, 0.3021

Square

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



59.4827, 0.2927, 0.3439



59.4827, 0.2803, 0.2985



59.4827, 0.3326, 0.3146



59.4827, 0.3458, 0.3595

Rectangle

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



59.4827, 0.2927, 0.3439



59.4827, 0.2755, 0.3140



59.4827, 0.3326, 0.3146



59.4827, 0.3514, 0.3420

Sweetspot

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



59.4852, 0.2927, 0.3439



96.9134, 0.3060, 0.3336



59.8026, 0.3196, 0.3777



20.6746, 0.3053, 0.3341



0.0000, 0.0000, 0.0000



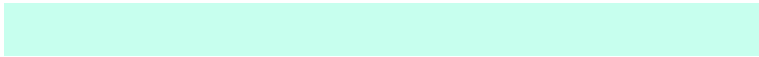
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4852, 0.2927, 0.3439



89.8067, 0.2888, 0.3473



56.5955, 0.2847, 0.3201



13.3426, 0.3023, 0.3362



29.3898, 0.2532, 0.4317



1.6571, 0.2473, 0.4104

Inverse Universe

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



46.8364, 0.3377, 0.3146



67.0266, 0.3441, 0.3115



49.1467, 0.3469, 0.3378



11.8673, 0.3243, 0.3219



8.6035, 0.5719, 0.2924



0.4952, 0.5189, 0.2632

Previews

White Background



This preview shows how the Yxy color 59.4827, 0.2927, 0.3439 looks on a white background.

Color Contrast Check

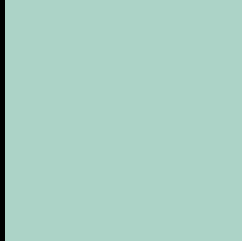
Large Text (above 18pt) WCAG AA × Fail

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 59.4827, 0.2927, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

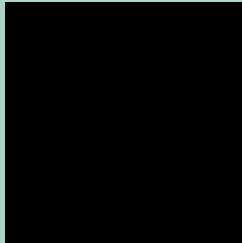
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

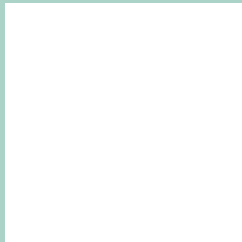
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4827, 0.2927, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 59.4827, 0.2927, 0.3439.



This preview shows how white text looks on a background with the Yxy color 59.4827, 0.2927, 0.3439.

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

59.4827, 0.2927, 0.3439

Protanopia

59.0782, 0.3233, 0.3373

Deuteranopia

59.2737, 0.3291, 0.3223



Tritanopia

59.3546, 0.2802, 0.3085

Trichromacy



Original Color

59.4827, 0.2927, 0.3439

Protanomaly

59.2503, 0.3114, 0.3398

Deuteranomaly

58.8277, 0.3150, 0.3290

Tritanomaly

59.1320, 0.2845, 0.3204

Monochromacy



Original Color

59.4827, 0.2927, 0.3439

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.6079, 0.3056, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4827, 0.2927, 0.3439 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(172, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 199)  
}
```

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(172, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 199) }
```

Border

The CSS property to change the border of an element to Yxy 59.4827, 0.2927, 0.3439 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(172, 211, 199) }
```

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

```
.border{ border-color:rgb(172, 211, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4827, 0.2927, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 199) }
```

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

```
.background{ background-color: rgb(172,  
211, 199) }
```

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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