

Converting Colors

$Yxy(57.8091, 0.2820, 0.3511)$

Have a look what the booklet for
Yxy(57.8091, 0.2820, 0.3511)
contains.

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Color

Yxy(57.7025, 0.2819, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	98D4C3
RGB	152, 212, 195
RGB Percent	60%, 83%, 76%
CMY	0.4042, 0.1685, 0.2354
CMYK	0.28, 0.00, 0.08, 0.17
HSL	163°, 41%, 71%
HSV	163°, 28%, 83%
XYZ	46.3296, 57.7025, 60.3156
YIQ	192.1220, -30.3030, -18.0070

Conversions

Conversions Part 2

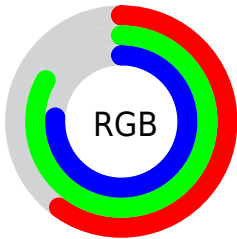
Format	Color
RYB	152, 187, 212
Decimal	10015939
CIELab	80.57, -22.76, 2.25
CIElCh	81, 22.875, 174.356
Yxy	57.7025, 0.2819, 0.3511
Android (android.graphics.Color)	4288206019 (0xFF98D4C3)
YUV	192.1220, 1.4189, -35.1870
Hunter-Lab	75.9622, -24.0659, 6.0959

Details

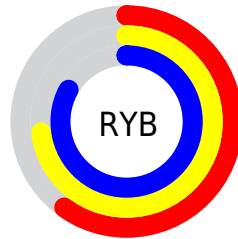
The Yxy color **57.7025, 0.2819, 0.3511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2934, 0.3570, 0.3081**, and the grayscale version is **52.7833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9582, 0.2865, 0.3320**, and **28.6897, 0.2742, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **55.5736, 0.2726, 0.3603**, and if you desaturate by 10%, it is **60.2127, 0.2922, 0.3426**.

Distribution



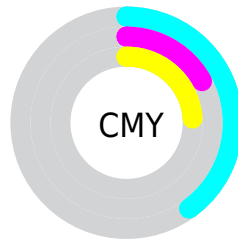
- Red (60%)
- Green (83%)
- Blue (76%)



- Red (60%)
- Yellow (73%)
- Blue (83%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)





- Cyan (40%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7025, 0.2819, 0.3511 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 57.7025, 0.2819, 0.3511 by changing the saturation by 10% instead.

 57.7025, 0.2819,
0.3511


 57.7025, 0.2819,
0.3511


416.0765, 0.2968,
0.3403

 41.5695, 0.2783,
0.3537


 101.4895, 0.2872,
0.3473

 28.7644, 0.2738,
0.3570

 129.9123, 0.2892,
0.3458

 18.9026, 0.2680,
0.3613


163.2005, 0.2909,
0.3446

 11.5999, 0.2601,
0.3672

201.7386, 0.2924,
0.3435

 6.4719, 0.2488,
0.3756

245.9108, 0.2937,
0.3425

 3.1341, 0.2315,
0.3888

296.1016, 0.2949,

 1.2021, 0.1930,

0.3417

352.6953, 0.2959,
0.3410

0.4168

0.0634, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7025, 0.2819,
0.3511

57.7025, 0.2819,
0.3511

55.5736, 0.2726,
0.3603

60.2127, 0.2922,
0.3426

53.7992, 0.2645,
0.3700


63.1152, 0.3032,
0.3349


52.3603, 0.2581,
0.3803


66.4295, 0.3146,
0.3279


51.2332, 0.2534,
0.3908


70.1713, 0.3262,
0.3216

 50.3908, 0.2507,
0.4016

 73.7960, 0.3356,
0.3160


 49.8014, 0.2500,
0.4123


 74.1299, 0.3313,
0.3100

 49.4175, 0.2511,
0.4229

 74.4755, 0.3270,
0.3041

 49.3622, 0.2513,
0.4247

 74.8328, 0.3228,
0.2983

 75.2021, 0.3187,
0.2926

Harmonies

Analogous

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



57.7025, 0.3096, 0.3736



57.7025, 0.2819, 0.3511



57.7025, 0.2629, 0.3227

Triad

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



57.7025, 0.2819, 0.3511



57.7025, 0.2849, 0.2803



57.7025, 0.3720, 0.3561

Complementary

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



57.7025, 0.2819, 0.3511



39.2934, 0.3570, 0.3081

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.



57.7025, 0.3651, 0.3317



57.7025, 0.2819, 0.3511



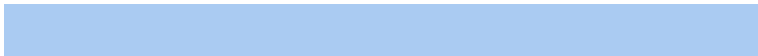
57.7025, 0.3136, 0.2894

Square

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



57.7025, 0.2819, 0.3511



57.7025, 0.2646, 0.2829



57.7025, 0.3432, 0.3078



57.7025, 0.3623, 0.3750

Rectangle

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



57.7025, 0.2819, 0.3511



57.7025, 0.2572, 0.3052



57.7025, 0.3432, 0.3078



57.7025, 0.3716, 0.3483

Sweetspot

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



57.7049, 0.2819, 0.3511



95.4922, 0.3024, 0.3354



57.9026, 0.3221, 0.4074



20.2938, 0.3007, 0.3365



0.0000, 0.0000, 0.0000



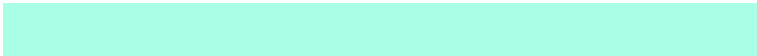
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7049, 0.2819, 0.3511



85.6148, 0.2762, 0.3565



52.7313, 0.2702, 0.3133



14.0450, 0.3020, 0.3357



30.4848, 0.2509, 0.4232



1.8526, 0.2458, 0.4048

Inverse Universe

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



39.2934, 0.3570, 0.3081



53.2209, 0.3701, 0.3035



42.7939, 0.3705, 0.3441



12.4781, 0.3247, 0.3224



8.8581, 0.5806, 0.2972



0.5484, 0.5306, 0.2697

Previews

White Background



This preview shows how the Yxy color 57.7025, 0.2819, 0.3511 looks on a white background.

Color Contrast Check

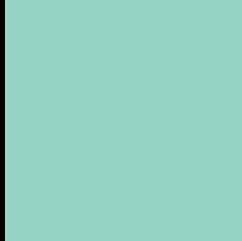
Large Text (above 18pt) WCAG AA × Fail

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 57.7025, 0.2819, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

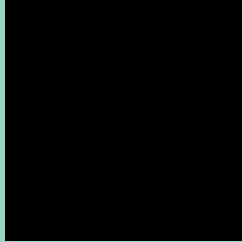
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

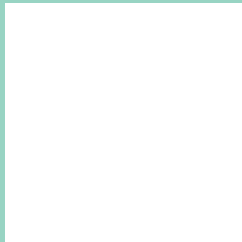
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7025, 0.2819, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 57.7025, 0.2819, 0.3511.



This preview shows how white text looks on a background with the Yxy color 57.7025, 0.2819, 0.3511.

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

57.7025, 0.2819, 0.3511

Protanopia

57.0978, 0.3273, 0.3422

Deuteranopia

57.1689, 0.3285, 0.3222



Tritanopia

57.7627, 0.2681, 0.3091

Trichromacy



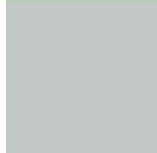
Original Color

57.7025, 0.2819, 0.3511



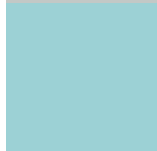
Protanomaly

56.8687, 0.3089, 0.3451



Deuteranomaly

56.8551, 0.3095, 0.3314



Tritanomaly

57.4729, 0.2734, 0.3238

Monochromacy



Original Color

57.7025, 0.2819, 0.3511



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.0442, 0.3001, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7025, 0.2819, 0.3511 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(152, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(152, 212, 195)  
}
```

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(152, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 212, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.7025, 0.2819, 0.3511 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(152, 212, 195) }
```

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

```
.border{ border-color:rgb(152, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(152, 212,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7025, 0.2819, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 212, 195) }
```

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

```
.background{ background-color: rgb(152,  
212, 195) }
```

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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