

Converting Colors

$Yxy(57.0629, 0.2818, 0.3512)$

Have a look what the booklet for
Yxy(57.0629, 0.2818, 0.3512)
contains.

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Color

Yxy(57.0629, 0.2818, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	97D3C2
RGB	151, 211, 194
RGB Percent	59%, 83%, 76%
CMY	0.4080, 0.1725, 0.2393
CMYK	0.28, 0.00, 0.08, 0.17
HSL	163°, 41%, 71%
HSV	163°, 28%, 83%
XYZ	45.7868, 57.0629, 59.6301
YIQ	191.1220, -30.3030, -18.0070

Conversions

Conversions Part 2

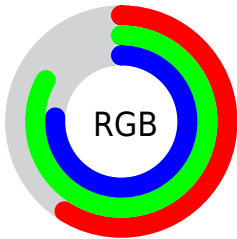
Format	Color
RYB	151, 186, 211
Decimal	9950146
CIELab	80.21, -22.76, 2.26
CIELCh	80, 22.875, 174.338
Yxy	57.0629, 0.2818, 0.3512
Android (android.graphics.Color)	4288140226 (0xFF97D3C2)
YUV	191.1220, 1.4189, -35.1870
Hunter-Lab	75.5400, -24.0014, 6.0754

Details

The Yxy color **57.0629, 0.2818, 0.3512** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7974, 0.3572, 0.3080**, and the grayscale version is **52.1753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6875, 0.2870, 0.3341**, and **28.2671, 0.2740, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **54.9610, 0.2725, 0.3604**, and if you desaturate by 10%, it is **59.5416, 0.2921, 0.3427**.

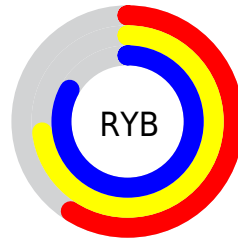
Distribution



Red (59%)

Green (83%)

Blue (76%)



Red (59%)

Yellow (73%)

Blue (83%)

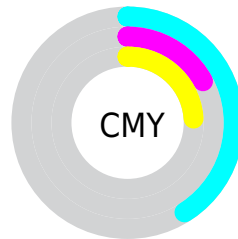


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (41%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0629, 0.2818, 0.3512 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 57.0629, 0.2818, 0.3512 by changing the saturation by 10% instead.

 57.0629, 0.2818,
0.3512

 57.0629, 0.2818,
0.3512


413.6850, 0.2968,
0.3404

 41.0557, 0.2782,
0.3538


 100.5570, 0.2871,
0.3473

 28.3626, 0.2737,
0.3571


 128.8127, 0.2892,
0.3459

 18.5992, 0.2678,
0.3615


161.9200, 0.2909,
0.3446

 11.3810, 0.2598,
0.3674

200.2633, 0.2924,
0.3435

 6.3237, 0.2483,
0.3760

244.2271, 0.2937,
0.3426

 3.0429, 0.2307,
0.3895

294.1957, 0.2948,

 1.1542, 0.1887,

0.3418

350.5535, 0.2959,
0.3410

0.4195

0.0238, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0629, 0.2818,
0.3512

57.0629, 0.2818,
0.3512

54.9610, 0.2725,
0.3604

59.5416, 0.2921,
0.3427

53.2094, 0.2645,
0.3701


62.4081, 0.3031,
0.3350

51.7894, 0.2580,
0.3804

65.6814, 0.3145,
0.3280

50.6773, 0.2534,
0.3910


69.3774, 0.3261,
0.3217


 49.8465, 0.2507,
0.4017


 73.2321, 0.3366,
0.3161


 49.2656, 0.2500,
0.4124

 73.5623, 0.3322,
0.3101

 48.8868, 0.2511,
0.4231

 73.9041, 0.3280,
0.3043

 48.8358, 0.2513,
0.4247

 74.2575, 0.3238,
0.2985

 74.6227, 0.3196,
0.2928

Harmonies

Analogous

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



57.0629, 0.3096, 0.3738



57.0629, 0.2818, 0.3512



57.0629, 0.2627, 0.3226

Triad

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



57.0629, 0.2818, 0.3512



57.0629, 0.2848, 0.2801



57.0629, 0.3723, 0.3562

Complementary

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



57.0629, 0.2818, 0.3512



38.7974, 0.3572, 0.3080

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.



57.0629, 0.3652, 0.3317



57.0629, 0.2818, 0.3512



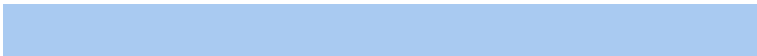
57.0629, 0.3136, 0.2893

Square

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



57.0629, 0.2818, 0.3512



57.0629, 0.2644, 0.2828



57.0629, 0.3433, 0.3077



57.0629, 0.3625, 0.3752

Rectangle

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



57.0629, 0.2818, 0.3512



57.0629, 0.2570, 0.3051



57.0629, 0.3433, 0.3077



57.0629, 0.3718, 0.3483

Sweetspot

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



57.0652, 0.2818, 0.3512



95.4921, 0.3024, 0.3354



57.2608, 0.3221, 0.4078



20.2937, 0.3007, 0.3365



0.0000, 0.0000, 0.0000



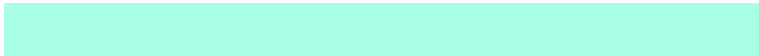
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0652, 0.2818, 0.3512



85.6143, 0.2762, 0.3565



52.1274, 0.2701, 0.3133



13.3475, 0.3020, 0.3357



29.4863, 0.2509, 0.4231



1.6619, 0.2455, 0.4036

Inverse Universe

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



38.7974, 0.3572, 0.3080



53.2213, 0.3701, 0.3035



42.2675, 0.3708, 0.3441



11.8626, 0.3247, 0.3224



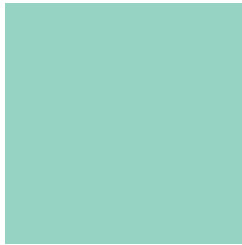
8.5689, 0.5803, 0.2970



0.4928, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 57.0629, 0.2818, 0.3512 looks on a white background.

Color Contrast Check

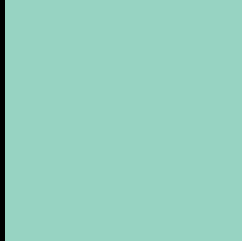
Large Text (above 18pt) WCAG AA × Fail

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 57.0629, 0.2818, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

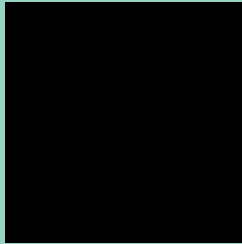
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

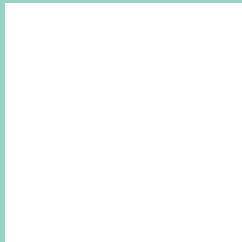
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0629, 0.2818, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 57.0629, 0.2818, 0.3512.

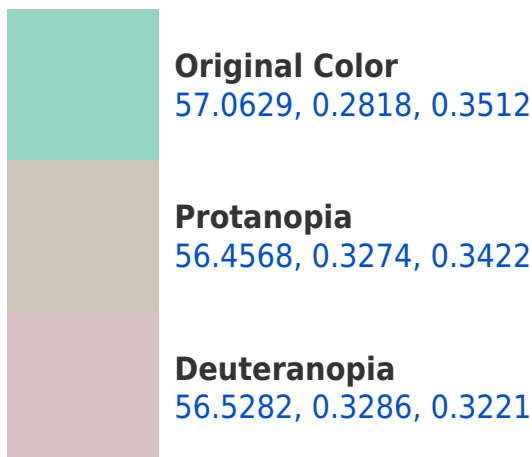


This preview shows how white text looks on a background with the Yxy color 57.0629, 0.2818, 0.3512.

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

57.1215, 0.2679, 0.3090

Trichromacy



Original Color

57.0629, 0.2818, 0.3512

Protanomaly

56.2295, 0.3089, 0.3452

Deuteranomaly

56.2155, 0.3095, 0.3314

Tritanomaly

56.8338, 0.2732, 0.3238

Monochromacy



Original Color

57.0629, 0.2818, 0.3512

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.4240, 0.3000, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0629, 0.2818, 0.3512 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(151, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 211, 194)  
}
```

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(151, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 211, 194) }
```

Border

The CSS property to change the border of an element to Yxy 57.0629, 0.2818, 0.3512 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(151, 211, 194) }
```

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

```
.border{ border-color:rgb(151, 211, 194) }
```

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

Here you see how a box with a 4 pixel rgb(151, 211, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(151, 211,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0629, 0.2818, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 211, 194) }
```

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

```
.background{ background-color: rgb(151,  
211, 194) }
```

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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