

Converting Colors

$Yxy(56.6813, 0.2969, 0.3850)$

Have a look what the booklet for
Yxy(56.6813, 0.2969, 0.3850)
contains.

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Color

Yxy(56.5686, 0.2968, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	97D4AA
RGB	151, 212, 170
RGB Percent	59%, 83%, 67%
CMY	0.4077, 0.1686, 0.3334
CMYK	0.29, 0.00, 0.20, 0.17
HSL	139°, 41%, 71%
HSV	139°, 29%, 83%
XYZ	43.5640, 56.5686, 46.6463
YIQ	188.9730, -22.8740, -25.9940

Conversions

Conversions Part 2

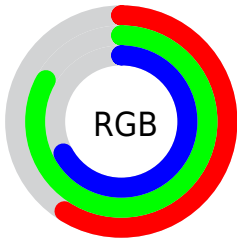
Format	Color
RYB	151, 198, 212
Decimal	9950378
CIELab	79.94, -28.01, 14.64
CIElCh	80, 31.605, 152.411
Yxy	56.5686, 0.2968, 0.3854
Android (android.graphics.Color)	4288140458 (0xFF97D4AA)
YUV	188.9730, -9.3537, -33.3023
Hunter-Lab	75.2121, -28.2313, 15.8770

Details

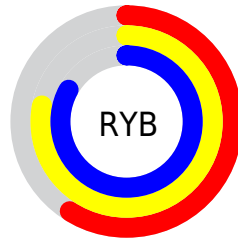
The Yxy color **56.5686, 0.2968, 0.3854** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9905, 0.3334, 0.2787**, and the grayscale version is **50.9404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0781, 0.2997, 0.3609**, and **28.0186, 0.2915, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **54.1988, 0.2919, 0.4091**, and if you desaturate by 10%, it is **59.3693, 0.3022, 0.3637**.

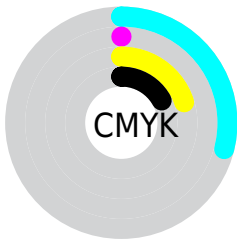
Distribution



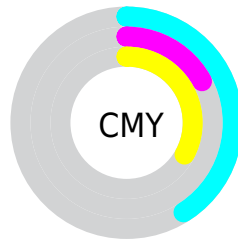
- Red (59%)
- Green (83%)
- Blue (67%)



- Red (59%)
- Yellow (78%)
- Blue (83%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (17%)




- Cyan (41%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5686, 0.2968, 0.3854 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 56.5686, 0.2968, 0.3854 by changing the saturation by 10% instead.


 56.5686, 0.2968,
0.3854


 56.5686, 0.2968,
0.3854

411.8308, 0.3050,
0.3571

 40.6590, 0.2947,
0.3925


 99.8354, 0.2998,
0.3751

 28.0527, 0.2919,
0.4017


 127.9615, 0.3010,
0.3712

 18.3654, 0.2881,
0.4139


160.9284, 0.3019,
0.3679

 11.2126, 0.2828,
0.4309

199.1207, 0.3027,
0.3651

 6.2101, 0.2745,
0.4563

242.9227, 0.3034,
0.3627

 2.9732, 0.2602,
0.4981

292.7187, 0.3040,

 1.1178, 0.2187,

0.3606

0.6758

348.8933, 0.3046,
0.3587

0.0000, 0.0000,
0.0000

56.5686, 0.2968,
0.3854

56.5686, 0.2968,
0.3854

54.1988, 0.2919,
0.4091

59.3693, 0.3022,
0.3637

52.2312, 0.2878,
0.4345

62.6138, 0.3078,
0.3443

50.6448, 0.2848,
0.4610

66.3231, 0.3134,
0.3270

49.4135, 0.2832,
0.4876

70.5150, 0.3190,
0.3118

48.5080, 0.2833,
0.5131

74.8199, 0.3229,
0.2984

■ 47.8939, 0.2850,
0.5363

■ 75.5674, 0.3147,
0.2871

■ 47.5185, 0.2881,
0.5562

■ 47.4799, 0.2885,
0.5585

Harmonies

Analogous

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



56.5686, 0.3380, 0.4031



56.5686, 0.2968, 0.3854



56.5686, 0.2615, 0.3491

Triad

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



56.5686, 0.2968, 0.3854



56.5686, 0.2526, 0.2632



56.5686, 0.3908, 0.3408

Complementary

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



56.5686, 0.2968, 0.3854



39.9905, 0.3334, 0.2787

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.



56.5686, 0.3649, 0.3079



56.5686, 0.2968, 0.3854



56.5686, 0.2838, 0.2647

Square

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



56.5686, 0.2968, 0.3854



56.5686, 0.2374, 0.2782



56.5686, 0.3249, 0.2808



56.5686, 0.3938, 0.3733

Rectangle

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



56.5686, 0.2968, 0.3854



56.5686, 0.2455, 0.3218



56.5686, 0.3249, 0.2808



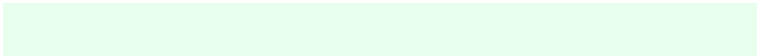
56.5686, 0.3844, 0.3296

Sweetspot

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



56.5710, 0.2968, 0.3854



94.9272, 0.3076, 0.3449



60.7533, 0.3412, 0.4040



20.1546, 0.3067, 0.3476



0.0000, 0.0000, 0.0000



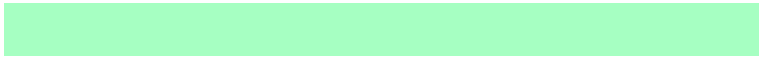
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5710, 0.2968, 0.3854



83.4729, 0.2935, 0.4009



57.8302, 0.2784, 0.3447



13.9590, 0.3074, 0.3455



29.3275, 0.2878, 0.5559



1.7836, 0.2779, 0.5204

Inverse Universe

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



39.9905, 0.3334, 0.2787



54.0012, 0.3396, 0.2668



38.7908, 0.3631, 0.3140



12.5639, 0.3185, 0.3131



9.9424, 0.4181, 0.2077



0.6143, 0.3973, 0.1962

Previews

White Background



This preview shows how the Yxy color 56.5686, 0.2968, 0.3854 looks on a white background.

Color Contrast Check

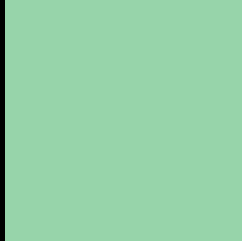
Large Text (above 18pt) WCAG AA × Fail

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 56.5686, 0.2968, 0.3854 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 56.5686, 0.2968, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 56.5686, 0.2968, 0.3854.



This preview shows how white text looks on a background with the Yxy color 56.5686, 0.2968, 0.3854.

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

56.5686, 0.2968, 0.3854

Protanopia

56.1322, 0.3485, 0.3700

Deuteranopia

55.9296, 0.3543, 0.3464



Tritanopia

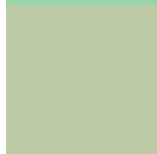
56.4602, 0.2713, 0.3090

Trichromacy



Original Color

56.5686, 0.2968, 0.3854



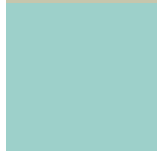
Protanomaly

55.6856, 0.3278, 0.3745



Deuteranomaly

55.4111, 0.3314, 0.3599



Tritanomaly

56.5441, 0.2805, 0.3366

Monochromacy



Original Color

56.5686, 0.2968, 0.3854



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.4239, 0.3063, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5686, 0.2968, 0.3854 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, 212, 170)` looks like.

```
.text, #text, p{  
    color:rgb(151, 212, 170)  
}
```

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, 212, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 212, 170) }
```

Border

The CSS property to change the border of an element to Yxy 56.5686, 0.2968, 0.3854 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, 212, 170) }
```

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

```
.border{ border-color:rgb(151, 212, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 212, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 212, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 212, 170);  
box-shadow:4px 4px 4px 4px rgb(151, 212,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5686, 0.2968, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 212, 170) }
```

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

```
.background{ background-color: rgb(151,  
212, 170) }
```

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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