

Converting Colors

$Yxy(58.1568, 0.2965, 0.3925)$

Have a look what the booklet for
Yxy(58.1568, 0.2965, 0.3925)
contains.

Yxy(58.3284, 0.2968, 0.3932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.3284, 0.2968, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	95D8A8
RGB	149, 216, 168
RGB Percent	58%, 85%, 66%
CMY	0.4154, 0.1530, 0.3411
CMYK	0.31, 0.00, 0.22, 0.15
HSL	137°, 46%, 72%
HSV	137°, 31%, 85%
XYZ	44.0282, 58.3284, 45.9863
YIQ	190.4950, -24.5240, -29.1320

Conversions

Conversions Part 2

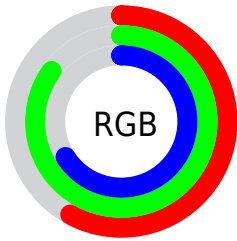
Format	Color
RYB	149, 201, 216
Decimal	9820328
CIELab	80.92, -30.89, 17.05
CIELCh	81, 35.284, 151.105
Yxy	58.3284, 0.2968, 0.3932
Android (android.graphics.Color)	4288010408 (0xFF95D8A8)
YUV	190.4950, -11.0900, -36.3911
Hunter-Lab	76.3730, -30.7497, 17.7610

Details

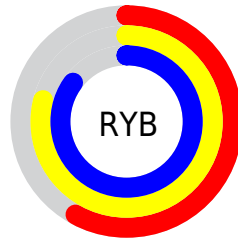
The Yxy color **58.3284, 0.2968, 0.3932** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1492, 0.3337, 0.2725**, and the grayscale version is **51.8785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8268, 0.3002, 0.3632**, and **29.2375, 0.2917, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **55.9396, 0.2924, 0.4184**, and if you desaturate by 10%, it is **61.1677, 0.3017, 0.3701**.

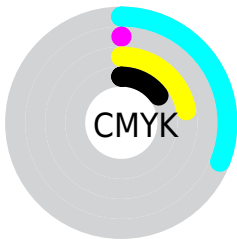
Distribution



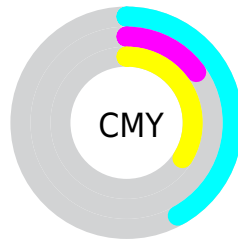
- Red (58%)
- Green (85%)
- Blue (66%)



- Red (58%)
- Yellow (79%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)




- Cyan (42%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3284, 0.2968, 0.3932 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 58.3284, 0.2968, 0.3932 by changing the saturation by 10% instead.


 58.3284, 0.2968,
0.3932


 58.3284, 0.2968,
0.3932


418.4085, 0.3051,
0.3610

 42.0727, 0.2946,
0.4013


 102.4009, 0.2999,
0.3815

 29.1582, 0.2918,
0.4116


 130.9866, 0.3010,
0.3771

 19.2006, 0.2879,
0.4254


164.4510, 0.3020,
0.3734

 11.8153, 0.2822,
0.4446

203.1786, 0.3028,
0.3702

 6.6180, 0.2735,
0.4732

247.5537, 0.3035,
0.3674

 3.2244, 0.2584,
0.5195

297.9608, 0.3041,

 1.2500, 0.2233,

0.3650

0.7064

354.7843, 0.3047,
0.3629

0.1020, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.3284, 0.2968,
0.3932

58.3284, 0.2968,
0.3932

55.9396, 0.2924,
0.4184

61.1677, 0.3017,
0.3701

53.9706, 0.2887,
0.4452

64.4716, 0.3069,
0.3492

52.3984, 0.2862,
0.4728

68.2627, 0.3122,
0.3307

51.1950, 0.2851,
0.5001

72.5599, 0.3174,
0.3144

■ 50.3280, 0.2856,
0.5257

■ 76.9868, 0.3209,
0.3000

■ 49.7595, 0.2876,
0.5482

■ 77.5870, 0.3145,
0.2910

■ 49.4452, 0.2903,
0.5652

Harmonies

Analogous

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



58.3284, 0.3421, 0.4115



58.3284, 0.2968, 0.3932



58.3284, 0.2576, 0.3532

Triad

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



58.3284, 0.2968, 0.3932



58.3284, 0.2456, 0.2571



58.3284, 0.3984, 0.3399

Complementary

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



58.3284, 0.2968, 0.3932



40.1492, 0.3337, 0.2725

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.



58.3284, 0.3687, 0.3042



58.3284, 0.2968, 0.3932



58.3284, 0.2790, 0.2582

Square

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



58.3284, 0.2968, 0.3932



58.3284, 0.2298, 0.2740



58.3284, 0.3239, 0.2751



58.3284, 0.4027, 0.3757

Rectangle

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



58.3284, 0.2968, 0.3932



58.3284, 0.2397, 0.3226



58.3284, 0.3239, 0.2751



58.3284, 0.3910, 0.3276

Sweetspot

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



58.3308, 0.2968, 0.3932



94.8892, 0.3079, 0.3455



63.3049, 0.3451, 0.4098



20.1453, 0.3072, 0.3484



0.0000, 0.0000, 0.0000



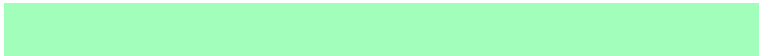
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3308, 0.2968, 0.3932



82.6635, 0.2939, 0.4090



59.6912, 0.2773, 0.3490



13.9532, 0.3078, 0.3462



29.2854, 0.2896, 0.5626



1.7805, 0.2799, 0.5275

Inverse Universe

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



40.1492, 0.3337, 0.2725



52.2459, 0.3393, 0.2608



38.8206, 0.3662, 0.3101



12.5700, 0.3181, 0.3124



10.0589, 0.4076, 0.2019



0.6206, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 58.3284, 0.2968, 0.3932 looks on a white background.

Color Contrast Check

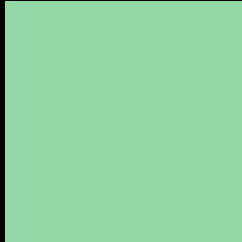
Large Text (above 18pt) WCAG AA × Fail

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 58.3284, 0.2968, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

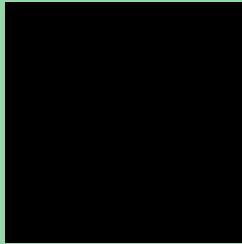
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3284, 0.2968, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 58.3284, 0.2968, 0.3932.

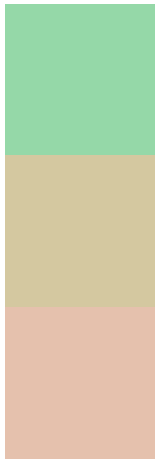


This preview shows how white text looks on a background with the Yxy color 58.3284, 0.2968, 0.3932.

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

58.3284, 0.2968, 0.3932

Protanopia

57.8437, 0.3526, 0.3767

Deuteranopia

57.8151, 0.3586, 0.3518



Tritanopia

58.0216, 0.2688, 0.3079

Trichromacy



Original Color

58.3284, 0.2968, 0.3932



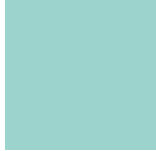
Protanomaly

57.6058, 0.3302, 0.3830



Deuteranomaly

56.9929, 0.3341, 0.3657



Tritanomaly

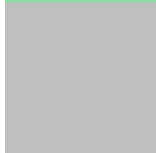
58.0161, 0.2790, 0.3379

Monochromacy



Original Color

58.3284, 0.2968, 0.3932



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

53.9576, 0.3063, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3284, 0.2968, 0.3932 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(149, 216, 168)` looks like.

```
.text, #text, p{  
    color:rgb(149, 216, 168)  
}
```

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(149, 216, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 216, 168) }
```

Border

The CSS property to change the border of an element to Yxy 58.3284, 0.2968, 0.3932 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(149, 216, 168) }
```

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

```
.border{ border-color:rgb(149, 216, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 216, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 216, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 216, 168);  
box-shadow:4px 4px 4px 4px rgb(149, 216,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3284, 0.2968, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 216, 168) }
```

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

```
.background{ background-color: rgb(149,  
216, 168) }
```

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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