

Converting Colors

$Yxy(58.2710, 0.3078, 0.3892)$

Have a look what the booklet for
Yxy(58.2710, 0.3078, 0.3892)
contains.

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Color

Yxy(58.2710, 0.3078, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	A4D5A7
RGB	164, 213, 167
RGB Percent	64%, 84%, 65%
CMY	0.3567, 0.1647, 0.3452
CMYK	0.23, 0.00, 0.22, 0.16
HSL	124°, 37%, 74%
HSV	124°, 23%, 84%
XYZ	46.0838, 58.2710, 45.3651
YIQ	193.1050, -14.4380, -24.6940

Conversions

Conversions Part 2

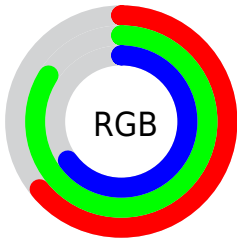
Format	Color
RYB	164, 210, 213
Decimal	10802599
CIELab	80.89, -24.82, 17.67
CIElCh	81, 30.473, 144.552
Yxy	58.2710, 0.3078, 0.3892
Android (android.graphics.Color)	4288992679 (0xFFA4D5A7)
YUV	193.1050, -12.8698, -25.5251
Hunter-Lab	76.3354, -25.8264, 18.1996

Details

The Yxy color **58.2710, 0.3078, 0.3892** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.3689, 0.3178, 0.2754**, and the grayscale version is **53.4817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0096, 0.3099, 0.3634**, and **29.0710, 0.3054, 0.4059** is the 20% darker color. If you saturate the color by 10%, you get **55.5090, 0.3056, 0.4205**, and if you desaturate by 10%, it is **61.5321, 0.3100, 0.3609**.

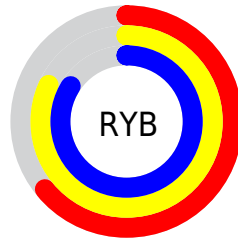
Distribution



Red (64%)

Green (84%)

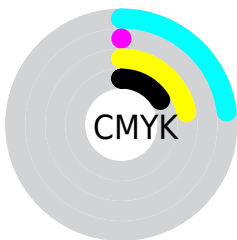
Blue (65%)



Red (64%)

Yellow (82%)

Blue (84%)

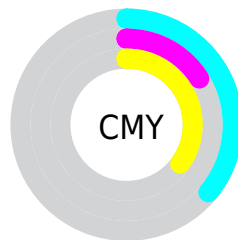


Cyan (23%)

Magenta (0%)

Yellow (22%)

Black (16%)



Cyan (36%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2710, 0.3078, 0.3892 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 58.2710, 0.3078, 0.3892 by changing the saturation by 10% instead.


 58.2710, 0.3078,
0.3892


 58.2710, 0.3078,
0.3892


418.1950, 0.3107,
0.3591

 42.0266, 0.3069,
0.3967


 102.3174, 0.3090,
0.3783

 29.1221, 0.3057,
0.4063


 130.8881, 0.3094,
0.3742

 19.1732, 0.3040,
0.4190


164.3364, 0.3097,
0.3707

 11.7955, 0.3013,
0.4367

203.0467, 0.3100,
0.3677

 6.6046, 0.2969,
0.4628

247.4032, 0.3102,
0.3651

 3.2161, 0.2883,
0.5047

297.7906, 0.3104,

 1.2455, 0.2898,

0.3629

0.6688

354.5930, 0.3106,
0.3609

0.0984, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.2710, 0.3078,
0.3892

58.2710, 0.3078,
0.3892

55.5090, 0.3056,
0.4205

61.5321, 0.3100,
0.3609

53.2147, 0.3034,
0.4539

65.3074, 0.3121,
0.3359

51.3642, 0.3015,
0.4882

69.6206, 0.3141,
0.3140

49.9289, 0.2999,
0.5214

74.4915, 0.3159,
0.2951

■ 48.8766, 0.2989,
0.5509

■ 76.0671, 0.3146,
0.2881

■ 48.1705, 0.2986,
0.5744

■ 47.7665, 0.2989,
0.5903

■ 47.6156, 0.2991,
0.5968

Harmonies

Analogous

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



58.2710, 0.3469, 0.4003



58.2710, 0.3078, 0.3892



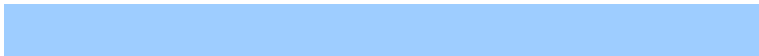
58.2710, 0.2716, 0.3583

Triad

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



58.2710, 0.3078, 0.3892



58.2710, 0.2498, 0.2683



58.2710, 0.3826, 0.3320

Complementary

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



58.2710, 0.3078, 0.3892



45.3689, 0.3178, 0.2754

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.



58.2710, 0.3534, 0.3013



58.2710, 0.3078, 0.3892



58.2710, 0.2761, 0.2656

Square

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



58.2710, 0.3078, 0.3892



58.2710, 0.2396, 0.2870



58.2710, 0.3137, 0.2776



58.2710, 0.3916, 0.3639

Rectangle

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



58.2710, 0.3078, 0.3892



58.2710, 0.2536, 0.3324



58.2710, 0.3137, 0.2776



58.2710, 0.3748, 0.3213

Sweetspot

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



58.2735, 0.3078, 0.3892



95.7363, 0.3113, 0.3457



64.0515, 0.3452, 0.3864



20.4168, 0.3111, 0.3472



0.0000, 0.0000, 0.0000



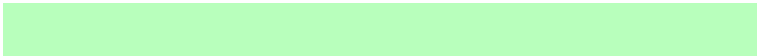
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2735, 0.3078, 0.3892



85.2865, 0.3066, 0.4054



59.2445, 0.2924, 0.3571



13.9079, 0.3108, 0.3516



29.0916, 0.2989, 0.5959



1.7590, 0.2953, 0.5830

Inverse Universe

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



45.3689, 0.3178, 0.2754



62.3227, 0.3192, 0.2629



44.2608, 0.3390, 0.3026



12.6193, 0.3147, 0.3074



11.2009, 0.3364, 0.1627



0.6796, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 58.2710, 0.3078, 0.3892 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 58.2710, 0.3078, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

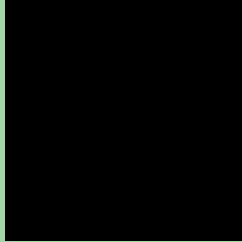
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2710, 0.3078, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 58.2710, 0.3078, 0.3892.

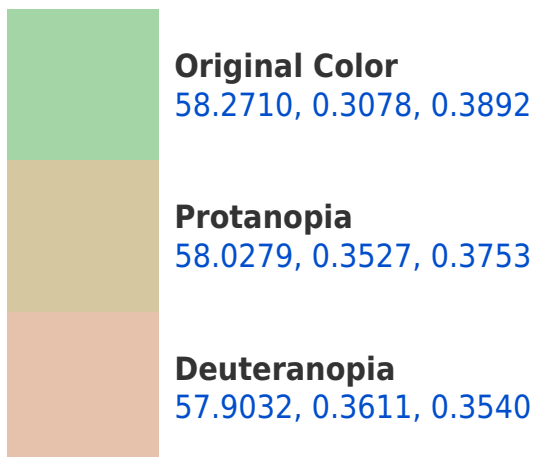


This preview shows how white text looks on a background with the Yxy color 58.2710, 0.3078, 0.3892.

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

58.4152, 0.2793, 0.3095

Trichromacy



Original Color

58.2710, 0.3078, 0.3892

Protanomaly

57.9091, 0.3352, 0.3810

Deuteranomaly

57.3326, 0.3399, 0.3652

Tritanomaly

58.4112, 0.2893, 0.3377

Monochromacy



Original Color

58.2710, 0.3078, 0.3892

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.7143, 0.3102, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2710, 0.3078, 0.3892 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(164, 213, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 213, 167)  
}
```

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(164, 213, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 213, 167) }
```

Border

The CSS property to change the border of an element to Yxy 58.2710, 0.3078, 0.3892 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(164, 213, 167) }
```

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

```
.border{ border-color:rgb(164, 213, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 213, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 213,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2710, 0.3078, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 213, 167) }
```

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

```
.background{ background-color: rgb(164,  
213, 167) }
```

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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