

Converting Colors

$Yxy(58.1252, 0.3281, 0.3926)$

Have a look what the booklet for
Yxy(58.1252, 0.3281, 0.3926)
contains.

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Color

Yxy(58.1714, 0.3278, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	B7D19F
RGB	183, 209, 159
RGB Percent	72%, 82%, 62%
CMY	0.2822, 0.1804, 0.3764
CMYK	0.12, 0.00, 0.24, 0.18
HSL	91°, 35%, 72%
HSV	91°, 24%, 82%
XYZ	48.5948, 58.1714, 41.4790
YIQ	195.5260, 0.5540, -21.0620

Conversions

Conversions Part 2

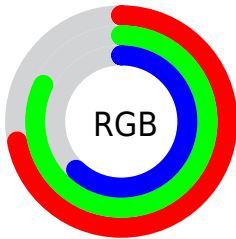
Format	Color
RYB	159, 209, 185
Decimal	12046751
CIELab	80.83, -17.58, 21.97
CIElCh	81, 28.138, 128.661
Yxy	58.1714, 0.3278, 0.3924
Android (android.graphics.Color)	4290236831 (0xFFB7D19F)
YUV	195.5260, -18.0073, -10.9853
Hunter-Lab	76.2702, -19.7434, 21.1447

Details

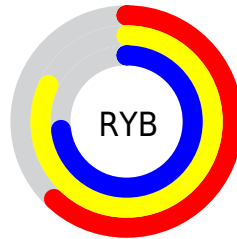
The Yxy color **58.1714, 0.3278, 0.3924** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.7209, 0.2941, 0.2660**, and the grayscale version is **55.0185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7258, 0.3265, 0.3704**, and **29.2501, 0.3315, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **56.2277, 0.3335, 0.4219**, and if you desaturate by 10%, it is **60.3456, 0.3216, 0.3645**.

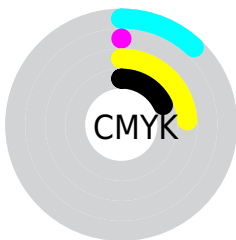
Distribution



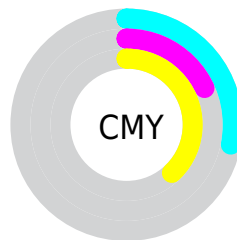
- Red (72%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (28%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1714, 0.3278, 0.3924 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 58.1714, 0.3278, 0.3924 by changing the saturation by 10% instead.


 58.1714, 0.3278,
0.3924

 58.1714, 0.3278,
0.3924


417.8243, 0.3211,
0.3610

 41.9465, 0.3292,
0.4001


 102.1724, 0.3256,
0.3810

 29.0594, 0.3309,
0.4100


 130.7173, 0.3247,
0.3768

 19.1257, 0.3328,
0.4230


164.1376, 0.3239,
0.3731

 11.7612, 0.3351,
0.4408

202.8177, 0.3232,
0.3700

 6.5813, 0.3374,
0.4666

247.1420, 0.3226,
0.3673

 3.2016, 0.3388,
0.5068

297.4950, 0.3220,

 1.2379, 0.3648,

0.3649

354.2609, 0.3215,
0.3628

0.6352

0.0923, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1714, 0.3278,
0.3924

58.1714, 0.3278,
0.3924

56.2277, 0.3335,
0.4219

60.3456, 0.3216,
0.3645

54.4983, 0.3383,
0.4521


62.7507, 0.3152,
0.3385

52.9768, 0.3419,
0.4818


65.3966, 0.3089,
0.3149

51.6533, 0.3437,
0.5096


68.2906, 0.3027,
0.2935

 50.5170, 0.3435,
0.5340


 70.8783, 0.3023,
0.2823

 49.5555, 0.3411,
0.5535

 72.8076, 0.3099,
0.2834

 48.7544, 0.3367,
0.5672

 74.0782, 0.3148,
0.2841

 48.3315, 0.3334,
0.5735

Harmonies

Analogous

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



58.1714, 0.3612, 0.3918



58.1714, 0.3278, 0.3924



58.1714, 0.2916, 0.3727

Triad

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



58.1714, 0.3278, 0.3924



58.1714, 0.2472, 0.2802



58.1714, 0.3648, 0.3163

Complementary

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



58.1714, 0.3278, 0.3924



39.7209, 0.2941, 0.2660

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.



58.1714, 0.3314, 0.2905



58.1714, 0.3278, 0.3924



58.1714, 0.2642, 0.2697

Square

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



58.1714, 0.3278, 0.3924



58.1714, 0.2465, 0.3050



58.1714, 0.2944, 0.2737



58.1714, 0.3838, 0.3462

Rectangle

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



58.1714, 0.3278, 0.3924



58.1714, 0.2708, 0.3512



58.1714, 0.2944, 0.2737



58.1714, 0.3548, 0.3070

Sweetspot

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



58.1739, 0.3278, 0.3924



97.1867, 0.3172, 0.3465



50.6909, 0.3549, 0.3607



20.7519, 0.3176, 0.3481



0.0000, 0.0000, 0.0000



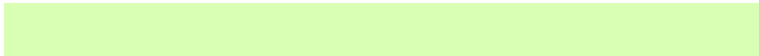
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1739, 0.3278, 0.3924



89.5461, 0.3310, 0.4082



55.5049, 0.3090, 0.3949



13.4809, 0.3187, 0.3525



29.8596, 0.3345, 0.5726



1.7167, 0.3487, 0.5613

Inverse Universe

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



39.7209, 0.2941, 0.2660



55.4208, 0.2889, 0.2504



42.9218, 0.3162, 0.2709



11.7154, 0.3062, 0.3055



4.8855, 0.2068, 0.0913



0.3203, 0.2266, 0.1022

Previews

White Background



This preview shows how the Yxy color 58.1714, 0.3278, 0.3924 looks on a white background.

Color Contrast Check

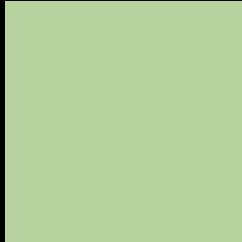
Large Text (above 18pt) WCAG AA × Fail

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 58.1714, 0.3278, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

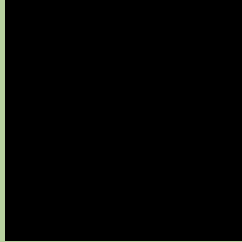
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1714, 0.3278, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 58.1714, 0.3278, 0.3924.



This preview shows how white text looks on a background with the Yxy color 58.1714, 0.3278, 0.3924.

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

58.1714, 0.3278, 0.3924

Protanopia

57.9713, 0.3582, 0.3824

Deuteranopia

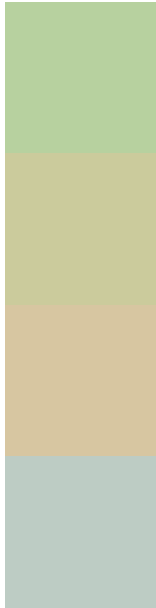
57.6315, 0.3714, 0.3629



Tritanopia

57.9895, 0.2948, 0.3100

Trichromacy



Original Color

58.1714, 0.3278, 0.3924

Protanomaly

57.8087, 0.3473, 0.3863

Deuteranomaly

57.4084, 0.3549, 0.3728

Tritanomaly

57.9901, 0.3069, 0.3388

Monochromacy



Original Color

58.1714, 0.3278, 0.3924

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.2686, 0.3179, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1714, 0.3278, 0.3924 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(183, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 159)  
}
```

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(183, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 159) }
```

Border

The CSS property to change the border of an element to Yxy 58.1714, 0.3278, 0.3924 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(183, 209, 159) }
```

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

```
.border{ border-color:rgb(183, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1714, 0.3278, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 159) }
```

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

```
.background{ background-color: rgb(183,  
209, 159) }
```

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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