

Converting Colors

$Yxy(58.5043, 0.2928, 0.3650)$

Have a look what the booklet for
Yxy(58.5043, 0.2928, 0.3650)
contains.

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Color

Yxy(58.4622, 0.2928, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	9FD5B9
RGB	159, 213, 185
RGB Percent	62%, 84%, 73%
CMY	0.3762, 0.1647, 0.2745
CMYK	0.25, 0.00, 0.13, 0.16
HSL	149°, 39%, 73%
HSV	149°, 25%, 84%
XYZ	46.8594, 58.4622, 54.7173
YIQ	193.6620, -23.1960, -20.1560

Conversions

Conversions Part 2

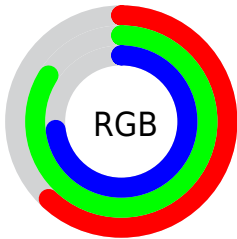
Format	Color
RYB	159, 195, 213
Decimal	10474937
CIELab	81.00, -23.09, 8.23
CIELCh	81, 24.511, 160.392
Yxy	58.4622, 0.2928, 0.3653
Android (android.graphics.Color)	4288665017 (0xFF9FD5B9)
YUV	193.6620, -4.2704, -30.3986
Hunter-Lab	76.4606, -24.4111, 11.0929

Details

The Yxy color **58.4622, 0.2928, 0.3653** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.5538, 0.3389, 0.2954**, and the grayscale version is **53.7834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3179, 0.2963, 0.3434**, and **29.1838, 0.2871, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **56.0215, 0.2858, 0.3823**, and if you desaturate by 10%, it is **61.3193, 0.3004, 0.3498**.

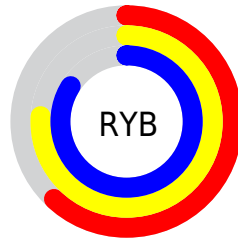
Distribution



Red (62%)

Green (84%)

Blue (73%)



Red (62%)

Yellow (76%)

Blue (84%)

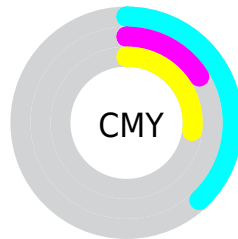


Cyan (25%)

Magenta (0%)

Yellow (13%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4622, 0.2928, 0.3653 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 58.4622, 0.2928, 0.3653 by changing the saturation by 10% instead.

 58.4622, 0.2928,
0.3653


 58.4622, 0.2928,
0.3653


418.9060, 0.3026,
0.3474

 42.1803, 0.2904,
0.3697


 102.5956, 0.2963,
0.3588

 29.2425, 0.2873,
0.3753


 131.2160, 0.2977,
0.3564

 19.2644, 0.2833,
0.3828


164.7180, 0.2988,
0.3543

 11.8615, 0.2778,
0.3930

203.4860, 0.2998,
0.3525

 6.6494, 0.2697,
0.4080

247.9044, 0.3006,
0.3510

 3.2438, 0.2569,
0.4321

298.3576, 0.3014,

 1.2603, 0.2278,

0.3496

0.4840

355.2300, 0.3020,
0.3484

0.1102, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.4622, 0.2928,
0.3653

58.4622, 0.2928,
0.3653

56.0215, 0.2858,
0.3823

61.3193, 0.3004,
0.3498

53.9698, 0.2796,
0.4008


64.6041, 0.3084,
0.3358


52.2879, 0.2748,
0.4203


68.3366, 0.3165,
0.3234


50.9516, 0.2715,
0.4406

72.5332, 0.3245,
0.3124

 49.9340, 0.2701,
0.4610


 75.1511, 0.3247,
0.3020

 49.2039, 0.2706,
0.4811

 75.8292, 0.3171,
0.2915

 48.7232, 0.2731,
0.5001

 76.0638, 0.3146,
0.2881

 48.5524, 0.2746,
0.5087

Harmonies

Analogous

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



58.4622, 0.3243, 0.3832



58.4622, 0.2928, 0.3653



58.4622, 0.2675, 0.3364

Triad

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



58.4622, 0.2928, 0.3653



58.4622, 0.2716, 0.2769



58.4622, 0.3748, 0.3459

Complementary

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



58.4622, 0.2928, 0.3653



42.5538, 0.3389, 0.2954

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.



58.4622, 0.3594, 0.3196



58.4622, 0.2928, 0.3653



58.4622, 0.2987, 0.2810

Square

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



58.4622, 0.2928, 0.3653



58.4622, 0.2558, 0.2857



58.4622, 0.3310, 0.2964



58.4622, 0.3725, 0.3697

Rectangle

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



58.4622, 0.2928, 0.3653



58.4622, 0.2572, 0.3162



58.4622, 0.3310, 0.2964



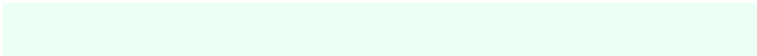
58.4622, 0.3715, 0.3371

Sweetspot

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



58.4646, 0.2928, 0.3653



95.6710, 0.3062, 0.3395



60.7586, 0.3309, 0.3961



20.3138, 0.3050, 0.3416



0.0000, 0.0000, 0.0000



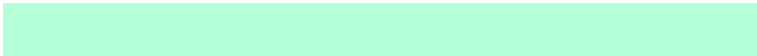
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4646, 0.2928, 0.3653



85.9661, 0.2892, 0.3736



59.6743, 0.2768, 0.3311



13.9945, 0.3051, 0.3414



29.6813, 0.2739, 0.5061



1.8069, 0.2649, 0.4736

Inverse Universe

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



42.5538, 0.3389, 0.2954



58.3724, 0.3456, 0.2885



41.5323, 0.3642, 0.3269



12.5274, 0.3211, 0.3170



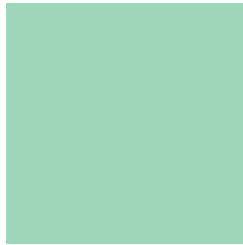
9.3566, 0.4867, 0.2455



0.5810, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 58.4622, 0.2928, 0.3653 looks on a white background.

Color Contrast Check

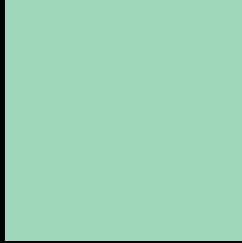
Large Text (above 18pt) WCAG AA × Fail

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 58.4622, 0.2928, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

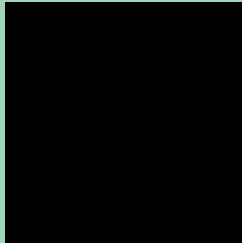
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

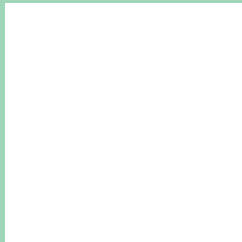
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4622, 0.2928, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 58.4622, 0.2928, 0.3653.



This preview shows how white text looks on a background with the Yxy color 58.4622, 0.2928, 0.3653.

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

58.4622, 0.2928, 0.3653

Protanopia

58.0782, 0.3363, 0.3552

Deuteranopia

58.1050, 0.3412, 0.3348



Tritanopia

58.2230, 0.2736, 0.3081

Trichromacy



Original Color

58.4622, 0.2928, 0.3653

Protanomaly

58.0752, 0.3190, 0.3586

Deuteranomaly

57.6835, 0.3214, 0.3447

Tritanomaly

58.1466, 0.2803, 0.3277

Monochromacy



Original Color

58.4622, 0.2928, 0.3653

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.3586, 0.3045, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4622, 0.2928, 0.3653 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(159, 213, 185)` looks like.

```
.text, #text, p{  
    color:rgb(159, 213, 185)  
}
```

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(159, 213, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 213, 185) }
```

Border

The CSS property to change the border of an element to Yxy 58.4622, 0.2928, 0.3653 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(159, 213, 185) }
```

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

```
.border{ border-color:rgb(159, 213, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 213, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 213, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 213, 185); box-shadow:4px 4px 4px 4px rgb(159, 213, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4622, 0.2928, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 213, 185) }
```

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

```
.background{ background-color: rgb(159,  
213, 185) }
```

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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