

Converting Colors

$Yxy(58.1976, 0.3128, 0.3844)$

Have a look what the booklet for
Yxy(58.1976, 0.3128, 0.3844)
contains.

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Color

Yxy(58.1863, 0.3130, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	ACD3A8
RGB	172, 211, 168
RGB Percent	67%, 83%, 66%
CMY	0.3257, 0.1725, 0.3412
CMYK	0.19, 0.00, 0.20, 0.17
HSL	114°, 33%, 74%
HSV	114°, 20%, 83%
XYZ	47.3662, 58.1863, 45.7773
YIQ	194.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

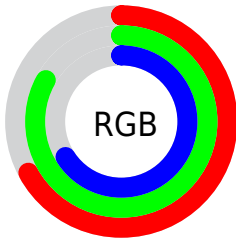
Format	Color
RYB	168, 211, 207
Decimal	11326376
CIELab	80.84, -21.01, 17.14
CIELCh	81, 27.117, 140.792
Yxy	58.1863, 0.3130, 0.3845
Android (android.graphics.Color)	4289516456 (0xFFACD3A8)
YUV	194.4370, -13.0334, -19.6772
Hunter-Lab	76.2799, -22.6499, 17.8147

Details

The Yxy color **58.1863, 0.3130, 0.3845** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.9823, 0.3116, 0.2782**, and the grayscale version is **54.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3417, 0.3143, 0.3618**, and **28.9598, 0.3123, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **55.4517, 0.3128, 0.4164**, and if you desaturate by 10%, it is **61.3661, 0.3130, 0.3556**.

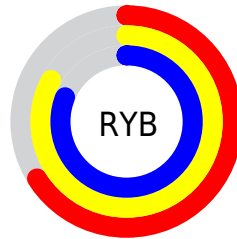
Distribution



Red (67%)

Green (83%)

Blue (66%)



Red (66%)

Yellow (83%)

Blue (81%)

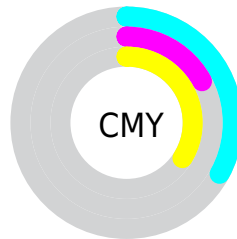


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (17%)



Cyan (33%)


Magenta (17%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1863, 0.3130, 0.3845 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 58.1863, 0.3130, 0.3845 by changing the saturation by 10% instead.


 58.1863, 0.3130,
0.3845

 58.1863, 0.3130,
0.3845


417.8798, 0.3133,
0.3569

 41.9584, 0.3128,
0.3913


 102.1941, 0.3132,
0.3745

 29.0688, 0.3124,
0.4001


130.7428, 0.3133,
0.3707

 19.1328, 0.3118,
0.4117


164.1673, 0.3133,
0.3675

 11.7663, 0.3107,
0.4277

202.8519, 0.3133,
0.3648

 6.5848, 0.3085,
0.4513

247.1811, 0.3133,
0.3624

 3.2038, 0.3037,
0.4891

297.5392, 0.3133,

 1.2390, 0.3179,

0.3603

0.6272

354.3106, 0.3133,
0.3585

■ 0.0932, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1863, 0.3130,
0.3845

■ 58.1863, 0.3130,
0.3845

■ 55.4517, 0.3128,
0.4164

■ 61.3661, 0.3130,
0.3556

■ 53.1353, 0.3122,
0.4505

■ 65.0020, 0.3127,
0.3299

■ 51.2188, 0.3112,
0.4855

■ 69.1136, 0.3124,
0.3075

■ 49.6795, 0.3098,
0.5194

■ 73.7172, 0.3119,
0.2879

■ 48.4921, 0.3080,
0.5497

■ 75.0771, 0.3147,
0.2861

■ 47.6288, 0.3059,
0.5738

■ 47.0570, 0.3037,
0.5900

■ 46.7394, 0.3019,
0.5985

Harmonies

Analogous

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



58.1863, 0.3475, 0.3921



58.1863, 0.3130, 0.3845



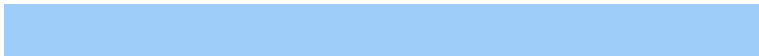
58.1863, 0.2797, 0.3590

Triad

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



58.1863, 0.3130, 0.3845



58.1863, 0.2543, 0.2761



58.1863, 0.3725, 0.3283

Complementary

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



58.1863, 0.3130, 0.3845



45.9823, 0.3116, 0.2782

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.



58.1863, 0.3448, 0.3011



58.1863, 0.3130, 0.3845



58.1863, 0.2764, 0.2716

Square

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



58.1863, 0.3130, 0.3845



58.1863, 0.2471, 0.2948



58.1863, 0.3093, 0.2808



58.1863, 0.3830, 0.3572

Rectangle

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



58.1863, 0.3130, 0.3845



58.1863, 0.2625, 0.3366



58.1863, 0.3093, 0.2808



58.1863, 0.3648, 0.3188

Sweetspot

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



58.1888, 0.3130, 0.3845



96.5128, 0.3129, 0.3441



61.1661, 0.3442, 0.3747



20.5799, 0.3129, 0.3458



0.0000, 0.0000, 0.0000



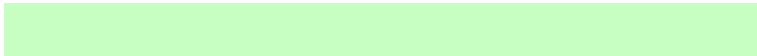
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1888, 0.3130, 0.3845



87.6060, 0.3129, 0.3965



58.4328, 0.2988, 0.3620



13.2574, 0.3129, 0.3529



28.2216, 0.3023, 0.5982



1.5963, 0.3093, 0.5927

Inverse Universe

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



45.9823, 0.3116, 0.2782



65.9238, 0.3113, 0.2683



45.7414, 0.3297, 0.2982



11.9516, 0.3123, 0.3060



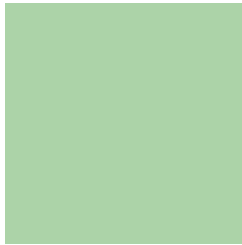
9.5949, 0.2981, 0.1416



0.5530, 0.3025, 0.1440

Previews

White Background



This preview shows how the Yxy color 58.1863, 0.3130, 0.3845 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 58.1863, 0.3130, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

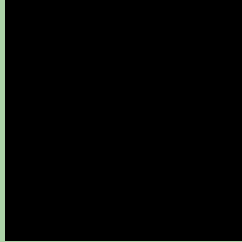
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1863, 0.3130, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 58.1863, 0.3130, 0.3845.



This preview shows how white text looks on a background with the Yxy color 58.1863, 0.3130, 0.3845.

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

58.1863, 0.3130, 0.3845

Protanopia

57.9499, 0.3503, 0.3731

Deuteranopia

57.9415, 0.3603, 0.3529



Tritanopia

58.1768, 0.2851, 0.3097

Trichromacy



Original Color

58.1863, 0.3130, 0.3845

Protanomaly

57.7727, 0.3355, 0.3771

Deuteranomaly

57.8041, 0.3417, 0.3637

Tritanomaly

58.3077, 0.2955, 0.3364

Monochromacy



Original Color

58.1863, 0.3130, 0.3845

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2504, 0.3126, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1863, 0.3130, 0.3845 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(172, 211, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 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(172, 211, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 168) }
```

Border

The CSS property to change the border of an element to Yxy 58.1863, 0.3130, 0.3845 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(172, 211, 168) }
```

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

```
.border{ border-color:rgb(172, 211, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1863, 0.3130, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 168) }
```

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

```
.background{ background-color: rgb(172,  
211, 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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