

Converting Colors

$Yxy(59.9288, 0.3140, 0.3591)$

Have a look what the booklet for
Yxy(59.9288, 0.3140, 0.3591)
contains.

Yxy(59.7951, 0.3136, 0.3585)	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(59.7951, 0.3136, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	BCD1B9
RGB	188, 209, 185
RGB Percent	74%, 82%, 73%
CMY	0.2626, 0.1804, 0.2745
CMYK	0.10, 0.00, 0.11, 0.18
HSL	112°, 21%, 77%
HSV	112°, 11%, 82%
XYZ	52.3061, 59.7951, 54.6913
YIQ	199.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

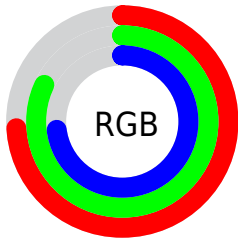
Format	Color
RYB	185, 209, 206
Decimal	12374457
CIELab	81.73, -11.50, 9.51
CIELCh	82, 14.921, 140.396
Yxy	59.7951, 0.3136, 0.3585
Android (android.graphics.Color)	4290564537 (0xFFBCD1B9)
YUV	199.9850, -7.3876, -10.5108
Hunter-Lab	77.3273, -14.5809, 12.1951

Details

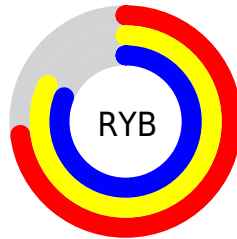
The Yxy color **59.7951, 0.3136, 0.3585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4233, 0.3115, 0.3008**, and the grayscale version is **57.8041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1040, 0.3139, 0.3427**, and **30.2595, 0.3139, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **56.8042, 0.3142, 0.3876**, and if you desaturate by 10%, it is **63.2142, 0.3128, 0.3326**.

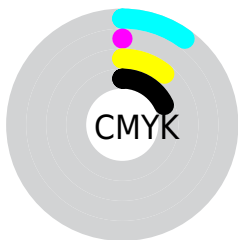
Distribution



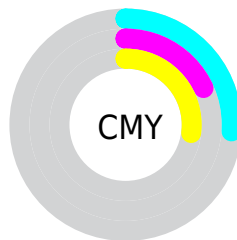
- Red (74%)
- Green (82%)
- Blue (73%)



- Red (73%)
- Yellow (82%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (26%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7951, 0.3136, 0.3585 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 59.7951, 0.3136, 0.3585 by changing the saturation by 10% instead.


 59.7951, 0.3136,
0.3585

 59.7951, 0.3136,
0.3585

423.8421, 0.3133,
0.3441

 43.2535, 0.3136,
0.3620


 104.5324, 0.3135,
0.3533

 30.0841, 0.3136,
0.3664


133.4968, 0.3135,
0.3514

 19.9024, 0.3136,
0.3722

167.3711, 0.3135,
0.3497

 12.3241, 0.3136,
0.3802

206.5394, 0.3134,
0.3483

 6.9648, 0.3133,
0.3917

251.3863, 0.3134,
0.3470

 3.4401, 0.3126,
0.4098

302.2961, 0.3134,

 1.3656, 0.3119,

0.3459

0.4445

359.6532, 0.3133,
0.3450

0.1912, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.7951, 0.3136,
0.3585

59.7951, 0.3136,
0.3585

56.8042, 0.3142,
0.3876

63.2142, 0.3128,
0.3326

54.2173, 0.3144,
0.4195

67.0694, 0.3120,
0.3097

52.0192, 0.3142,
0.4534

71.3782, 0.3110,
0.2898

50.1911, 0.3135,
0.4880

74.0768, 0.3148,
0.2841

■ 48.7124, 0.3122,
0.5213

■ 47.5605, 0.3103,
0.5509

■ 46.7101, 0.3078,
0.5743

■ 46.1322, 0.3051,
0.5899

■ 45.8222, 0.3030,
0.5976

Harmonies

Analogous

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



59.7951, 0.3323, 0.3629



59.7951, 0.3136, 0.3585



59.7951, 0.2950, 0.3454

Triad

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



59.7951, 0.3136, 0.3585



59.7951, 0.2801, 0.3000



59.7951, 0.3449, 0.3290

Complementary

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



59.7951, 0.3136, 0.3585



52.4233, 0.3115, 0.3008

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.



59.7951, 0.3301, 0.3133



59.7951, 0.3136, 0.3585



59.7951, 0.2927, 0.2968

Square

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



59.7951, 0.3136, 0.3585



59.7951, 0.2761, 0.3111



59.7951, 0.3109, 0.3017



59.7951, 0.3508, 0.3452

Rectangle

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



59.7951, 0.3136, 0.3585



59.7951, 0.2852, 0.3337



59.7951, 0.3109, 0.3017



59.7951, 0.3408, 0.3235

Sweetspot

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



59.7977, 0.3136, 0.3585



98.2716, 0.3130, 0.3364



61.1014, 0.3302, 0.3535



20.9376, 0.3130, 0.3384



0.0000, 0.0000, 0.0000



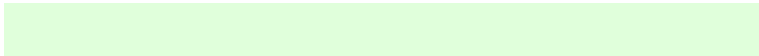
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7977, 0.3136, 0.3585



92.4681, 0.3138, 0.3660



59.7994, 0.3053, 0.3476



13.2769, 0.3135, 0.3529



28.2787, 0.3035, 0.5972



1.6054, 0.3126, 0.5900

Inverse Universe

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



52.4233, 0.3115, 0.3008



78.4534, 0.3112, 0.2940



52.4379, 0.3209, 0.3111



11.9301, 0.3118, 0.3060



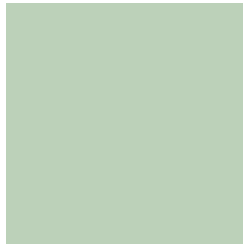
9.0427, 0.2894, 0.1368



0.5273, 0.2955, 0.1402

Previews

White Background



This preview shows how the Yxy color 59.7951, 0.3136, 0.3585 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 59.7951, 0.3136, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

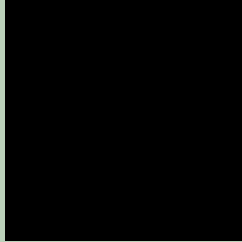
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

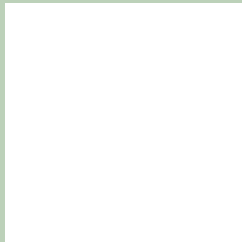
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7951, 0.3136, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 59.7951, 0.3136, 0.3585.



This preview shows how white text looks on a background with the Yxy color 59.7951, 0.3136, 0.3585.

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

59.7951, 0.3136, 0.3585

Protanopia

59.4261, 0.3353, 0.3538

Deuteranopia

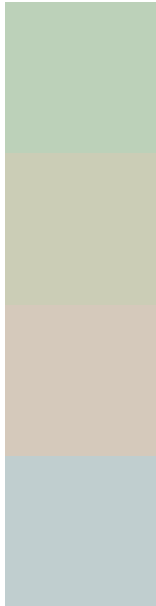
59.6047, 0.3449, 0.3381



Tritanopia

59.8224, 0.2943, 0.3102

Trichromacy



Original Color

59.7951, 0.3136, 0.3585

Protanomaly

59.7366, 0.3277, 0.3566

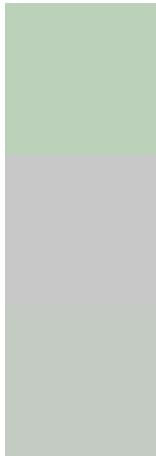
Deuteranomaly

59.5073, 0.3326, 0.3454

Tritanomaly

59.8541, 0.3016, 0.3278

Monochromacy



Original Color

59.7951, 0.3136, 0.3585

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3878, 0.3130, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7951, 0.3136, 0.3585 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(188, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 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(188, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 185) }
```

Border

The CSS property to change the border of an element to Yxy 59.7951, 0.3136, 0.3585 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(188, 209, 185) }
```

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

```
.border{ border-color:rgb(188, 209, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 209, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 209, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 209, 185); box-shadow:4px 4px 4px 4px rgb(188, 209, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7951, 0.3136, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 185) }
```

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

```
.background{ background-color: rgb(188,  
209, 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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