

Converting Colors

Yxy(58.3502, 0.3139, 0.3627)

Have a look what the booklet for
Yxy(58.3502, 0.3139, 0.3627)
contains.

Yxy(58.1113, 0.3141, 0.3628)	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(58.1113, 0.3141, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	B8CFB4
RGB	184, 207, 180
RGB Percent	72%, 81%, 71%
CMY	0.2786, 0.1882, 0.2941
CMYK	0.11, 0.00, 0.13, 0.19
HSL	111°, 22%, 76%
HSV	111°, 13%, 81%
XYZ	50.3108, 58.1113, 51.7524
YIQ	197.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

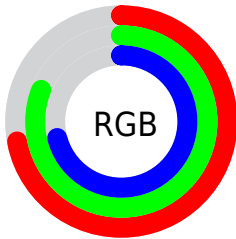
Format	Color
RYB	180, 207, 203
Decimal	12111796
CIELab	80.80, -12.78, 10.82
CIELCh	81, 16.744, 139.764
Yxy	58.1113, 0.3141, 0.3628
Android (android.graphics.Color)	4290301876 (0xFFB8CFB4)
YUV	197.0450, -8.4032, -11.4405
Hunter-Lab	76.2308, -15.5974, 13.1101

Details

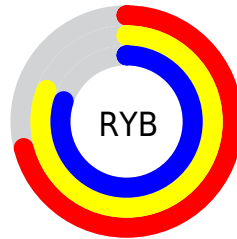
The Yxy color **58.1113, 0.3141, 0.3628** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8621, 0.3109, 0.2968**, and the grayscale version is **55.9147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1014, 0.3143, 0.3479**, and **29.1401, 0.3146, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **55.2837, 0.3149, 0.3922**, and if you desaturate by 10%, it is **61.3429, 0.3131, 0.3364**.

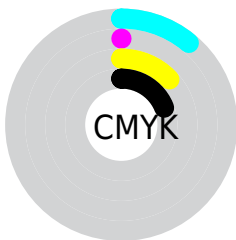
Distribution



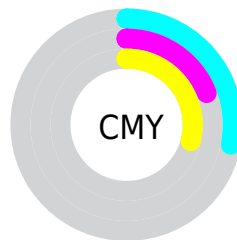
- Red (72%)
- Green (81%)
- Blue (71%)



- Red (71%)
- Yellow (81%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)





- Cyan (28%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1113, 0.3141, 0.3628 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 58.1113, 0.3141, 0.3628 by changing the saturation by 10% instead.


 58.1113, 0.3141,
0.3628

 58.1113, 0.3141,
0.3628

417.6005, 0.3136,
0.3462

 41.8981, 0.3142,
0.3669

 102.0849, 0.3140,
0.3568

 29.0215, 0.3142,
0.3721

130.6142, 0.3139,
0.3546

 19.0971, 0.3142,
0.3789


164.0176, 0.3138,
0.3526

 11.7405, 0.3142,
0.3882

202.6795, 0.3138,
0.3510

 6.5672, 0.3139,
0.4019

246.9844, 0.3137,
0.3495

 3.1929, 0.3130,
0.4237

297.3166, 0.3137,

 1.2333, 0.3167,

0.3483

0.4737

354.0605, 0.3136,
0.3472

0.0886, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1113, 0.3141,
0.3628

58.1113, 0.3141,
0.3628

55.2837, 0.3149,
0.3922

61.3429, 0.3131,
0.3364

52.8369, 0.3154,
0.4244

64.9856, 0.3119,
0.3131

50.7569, 0.3154,
0.4583

69.0560, 0.3107,
0.2927

49.0258, 0.3147,
0.4926

73.0533, 0.3147,
0.2821

■ 47.6241, 0.3134,
0.5253

■ 73.1133, 0.3149,
0.2821

■ 46.5306, 0.3114,
0.5539

■ 45.7214, 0.3087,
0.5762

■ 45.1688, 0.3057,
0.5908

■ 44.9122, 0.3038,
0.5970

Harmonies

Analogous

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



58.1113, 0.3353, 0.3675



58.1113, 0.3141, 0.3628



58.1113, 0.2931, 0.3480

Triad

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



58.1113, 0.3141, 0.3628



58.1113, 0.2757, 0.2963



58.1113, 0.3490, 0.3285

Complementary

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



58.1113, 0.3141, 0.3628



49.8621, 0.3109, 0.2968

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.



58.1113, 0.3320, 0.3110



58.1113, 0.3141, 0.3628



58.1113, 0.2896, 0.2927

Square

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



58.1113, 0.3141, 0.3628



58.1113, 0.2714, 0.3089



58.1113, 0.3101, 0.2981



58.1113, 0.3559, 0.3468

Rectangle

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



58.1113, 0.3141, 0.3628



58.1113, 0.2819, 0.3347



58.1113, 0.3101, 0.2981



58.1113, 0.3442, 0.3224

Sweetspot

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



58.1138, 0.3141, 0.3628



97.7452, 0.3132, 0.3389



59.2593, 0.3327, 0.3564



20.8333, 0.3133, 0.3409



0.0000, 0.0000, 0.0000



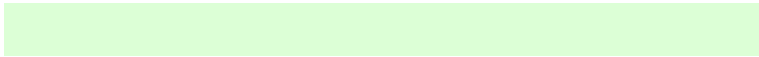
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1138, 0.3141, 0.3628



91.6243, 0.3144, 0.3718



58.0329, 0.3046, 0.3509



13.2878, 0.3137, 0.3529



28.3171, 0.3044, 0.5965



1.6105, 0.3145, 0.5885

Inverse Universe

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



49.8621, 0.3109, 0.2968



75.5634, 0.3104, 0.2887



49.9737, 0.3218, 0.3080



11.9181, 0.3115, 0.3059



8.7457, 0.2846, 0.1341



0.5134, 0.2916, 0.1380

Previews

White Background



This preview shows how the Yxy color 58.1113, 0.3141, 0.3628 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 58.1113, 0.3141, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

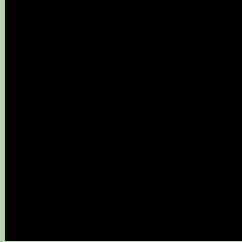
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

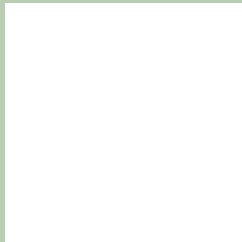
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1113, 0.3141, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 58.1113, 0.3141, 0.3628.



This preview shows how white text looks on a background with the Yxy color 58.1113, 0.3141, 0.3628.

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

58.1113, 0.3141, 0.3628

Protanopia

57.9985, 0.3378, 0.3577

Deuteranopia

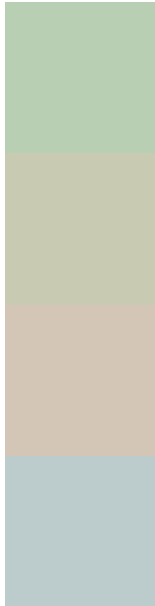
57.7276, 0.3479, 0.3405



Tritanopia

58.2502, 0.2927, 0.3099

Trichromacy



Original Color

58.1113, 0.3141, 0.3628

Protanomaly

58.1656, 0.3293, 0.3606

Deuteranomaly

57.6144, 0.3352, 0.3480

Tritanomaly

58.2367, 0.3007, 0.3290

Monochromacy



Original Color

58.1113, 0.3141, 0.3628

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7413, 0.3129, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1113, 0.3141, 0.3628 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(184, 207, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 180)  
}
```

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(184, 207, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 180) }
```

Border

The CSS property to change the border of an element to Yxy 58.1113, 0.3141, 0.3628 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(184, 207, 180) }
```

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

```
.border{ border-color:rgb(184, 207, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1113, 0.3141, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 180) }
```

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

```
.background{ background-color: rgb(184,  
207, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor