

Converting Colors

$Yxy(58.8700, 0.3174, 0.3664)$

Have a look what the booklet for
Yxy(58.8700, 0.3174, 0.3664)
contains.

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Color

Yxy(58.8909, 0.3178, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	BBD0B2
RGB	187, 208, 178
RGB Percent	73%, 82%, 70%
CMY	0.2665, 0.1843, 0.3020
CMYK	0.10, 0.00, 0.14, 0.18
HSL	102°, 24%, 76%
HSV	102°, 14%, 82%
XYZ	51.0934, 58.8909, 50.7880
YIQ	198.3010, -2.8860, -13.7820

Conversions

Conversions Part 2

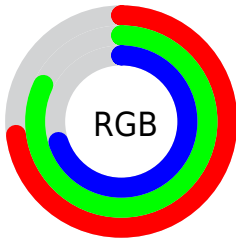
Format	Color
R _{YB}	178, 208, 199
Decimal	12308658
CIE Lab	81.23, -12.55, 12.53
CIE LCh	81, 17.739, 135.044
Yxy	58.8909, 0.3178, 0.3663
Android (android.graphics.Color)	4290498738 (0xFFBBD0B2)
YUV	198.3010, -10.0084, -9.9110
Hunter-Lab	76.7404, -15.4512, 14.4793

Details

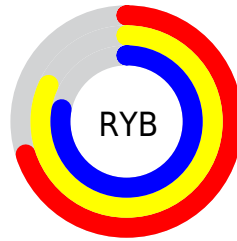
The Yxy color **58.8909, 0.3178, 0.3663** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.5238, 0.3068, 0.2928**, and the grayscale version is **56.7336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5152, 0.3174, 0.3498**, and **29.6602, 0.3194, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **56.3801, 0.3210, 0.3953**, and if you desaturate by 10%, it is **61.7186, 0.3143, 0.3398**.

Distribution



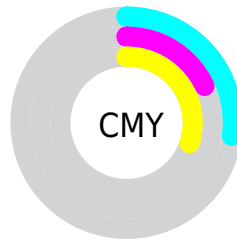
- Red (73%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)





- Cyan (27%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8909, 0.3178, 0.3663 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 58.8909, 0.3178, 0.3663 by changing the saturation by 10% instead.


 58.8909, 0.3178,
0.3663

 58.8909, 0.3178,
0.3663

420.4975, 0.3156,
0.3480

 42.5253, 0.3183,
0.3708

 103.2191, 0.3170,
0.3597

 29.5128, 0.3188,
0.3765


131.9505, 0.3167,
0.3572

 19.4691, 0.3195,
0.3839


165.5725, 0.3165,
0.3551

 12.0097, 0.3203,
0.3942

204.4697, 0.3163,
0.3533

 6.7503, 0.3212,
0.4090

249.0264, 0.3161,
0.3517

 3.3064, 0.3220,
0.4326

299.6270, 0.3159,

 1.2937, 0.3309,

0.3503

0.4887

356.6559, 0.3157,
0.3491

■ 0.1363, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8909, 0.3178,
0.3663

■ 58.8909, 0.3178,
0.3663

■ 56.3801, 0.3210,
0.3953

■ 61.7186, 0.3143,
0.3398

■ 54.1675, 0.3238,
0.4264

■ 64.8661, 0.3107,
0.3161

■ 52.2437, 0.3258,
0.4588

■ 68.3461, 0.3072,
0.2950

■ 50.5961, 0.3267,
0.4911

■ 71.7631, 0.3078,
0.2821

■ 49.2108, 0.3263,
0.5216

■ 73.5882, 0.3149,
0.2831

■ 48.0730, 0.3244,
0.5482

■ 47.1658, 0.3211,
0.5692

■ 46.4698, 0.3165,
0.5834

■ 46.1587, 0.3138,
0.5890

Harmonies

Analogous

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



58.8909, 0.3396, 0.3694



58.8909, 0.3178, 0.3663



58.8909, 0.2952, 0.3520

Triad

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



58.8909, 0.3178, 0.3663



58.8909, 0.2723, 0.2961



58.8909, 0.3488, 0.3254

Complementary

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



58.8909, 0.3178, 0.3663



48.5238, 0.3068, 0.2928

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.



58.8909, 0.3296, 0.3075



58.8909, 0.3178, 0.3663



58.8909, 0.2855, 0.2907

Square

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



58.8909, 0.3178, 0.3663



58.8909, 0.2695, 0.3106



58.8909, 0.3063, 0.2950



58.8909, 0.3580, 0.3448

Rectangle

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



58.8909, 0.3178, 0.3663



58.8909, 0.2827, 0.3384



58.8909, 0.3063, 0.2950



58.8909, 0.3432, 0.3190

Sweetspot

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



58.8934, 0.3178, 0.3663



98.0349, 0.3142, 0.3389



57.2364, 0.3357, 0.3536



20.9064, 0.3144, 0.3408



0.0000, 0.0000, 0.0000



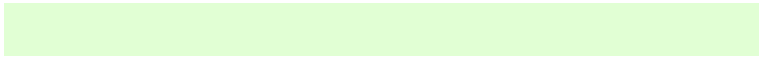
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8934, 0.3178, 0.3663



92.2217, 0.3187, 0.3741



58.0115, 0.3072, 0.3599



13.3768, 0.3161, 0.3527



28.8154, 0.3147, 0.5883



1.6526, 0.3290, 0.5770

Inverse Universe

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



48.5238, 0.3068, 0.2928



72.9934, 0.3054, 0.2855



49.5337, 0.3188, 0.2999



11.8224, 0.3090, 0.3057



6.6534, 0.2463, 0.1130



0.4124, 0.2604, 0.1208

Previews

White Background



This preview shows how the Yxy color 58.8909, 0.3178, 0.3663 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 58.8909, 0.3178, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

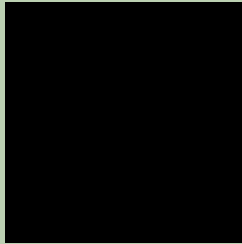
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8909, 0.3178, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 58.8909, 0.3178, 0.3663.

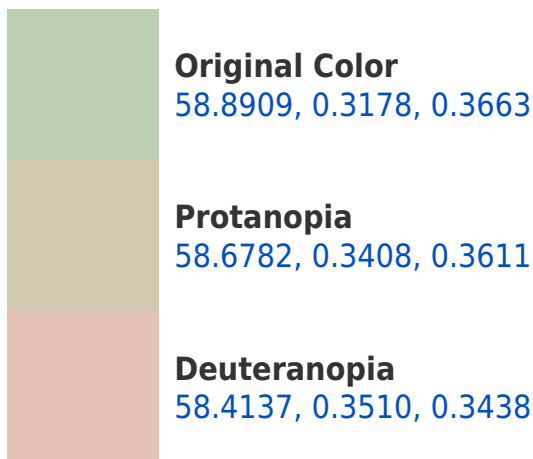


This preview shows how white text looks on a background with the Yxy color 58.8909, 0.3178, 0.3663.

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





Tritanopia

58.6405, 0.2949, 0.3101

Trichromacy



Original Color

58.8909, 0.3178, 0.3663

Protanomaly

58.8374, 0.3322, 0.3641

Deuteranomaly

58.2883, 0.3382, 0.3514

Tritanomaly

58.5739, 0.3036, 0.3302

Monochromacy



Original Color

58.8909, 0.3178, 0.3663

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.4720, 0.3144, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8909, 0.3178, 0.3663 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(187, 208, 178)` looks like.

```
.text, #text, p{  
    color:rgb(187, 208, 178)  
}
```

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(187, 208, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 208, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.8909, 0.3178, 0.3663 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(187, 208, 178) }
```

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

```
.border{ border-color:rgb(187, 208, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 208, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 208, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 208, 178);  
box-shadow:4px 4px 4px 4px rgb(187, 208,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8909, 0.3178, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 208, 178) }
```

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

```
.background{ background-color: rgb(187,  
208, 178) }
```

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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