

Converting Colors

$Yxy(58.2468, 0.3057, 0.3650)$

Have a look what the booklet for
Yxy(58.2468, 0.3057, 0.3650)
contains.

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Color

Yxy(58.4281, 0.3059, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	AED2B5
RGB	174, 210, 181
RGB Percent	68%, 82%, 71%
CMY	0.3175, 0.1765, 0.2903
CMYK	0.17, 0.00, 0.14, 0.18
HSL	132°, 29%, 75%
HSV	132°, 17%, 82%
XYZ	48.8471, 58.4281, 52.4080
YIQ	195.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

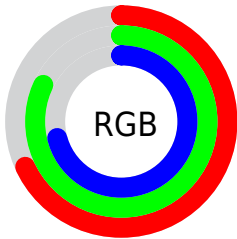
Format	Color
RYB	174, 204, 210
Decimal	11457205
CIELab	80.98, -17.50, 10.46
CIELCh	81, 20.389, 149.128
Yxy	58.4281, 0.3059, 0.3659
Android (android.graphics.Color)	4289647285 (0xFFAED2B5)
YUV	195.9300, -7.3605, -19.2326
Hunter-Lab	76.4383, -19.6984, 12.8560

Details

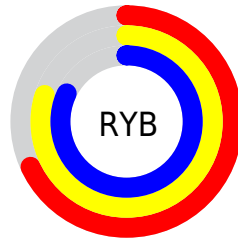
The Yxy color **58.4281, 0.3059, 0.3659** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.3028, 0.3204, 0.2947**, and the grayscale version is **55.2126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4574, 0.3076, 0.3472**, and **29.0662, 0.3038, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **55.5498, 0.3020, 0.3911**, and if you desaturate by 10%, it is **61.7731, 0.3099, 0.3434**.

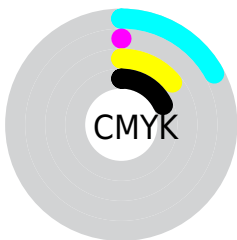
Distribution



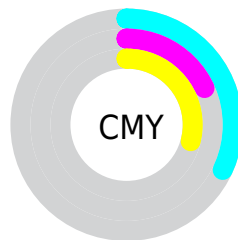
- Red (68%)
- Green (82%)
- Blue (71%)



- Red (68%)
- Yellow (80%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)




- Cyan (32%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4281, 0.3059, 0.3659 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 58.4281, 0.3059, 0.3659 by changing the saturation by 10% instead.


 58.4281, 0.3059,
0.3659

 58.4281, 0.3059,
0.3659

418.7792, 0.3094,
0.3477

 42.1529, 0.3050,
0.3704


 102.5460, 0.3072,
0.3593

 29.2210, 0.3038,
0.3761


131.1575, 0.3077,
0.3569

 19.2481, 0.3022,
0.3836


164.6499, 0.3081,
0.3548

 11.8497, 0.3000,
0.3940

203.4076, 0.3084,
0.3529

 6.6414, 0.2966,
0.4092

247.8150, 0.3087,
0.3514

 3.2389, 0.2907,
0.4336

298.2565, 0.3090,

 1.2577, 0.2824,

0.3500

0.4880

355.1164, 0.3092,
0.3488

■ 0.1081, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4281, 0.3059,
0.3659

■ 58.4281, 0.3059,
0.3659

■ 55.5498, 0.3020,
0.3911

■ 61.7731, 0.3099,
0.3434

■ 53.1101, 0.2983,
0.4187

■ 65.5965, 0.3138,
0.3236

■ 51.0897, 0.2952,
0.4482

■ 69.9189, 0.3176,
0.3062

■ 49.4644, 0.2928,
0.4786

■ 74.1769, 0.3190,
0.2909

■ 48.2079, 0.2914,
0.5085

■ 74.5721, 0.3148,
0.2851

■ 47.2904, 0.2912,
0.5361

■ 46.6774, 0.2923,
0.5597

■ 46.3237, 0.2945,
0.5780

■ 46.2490, 0.2951,
0.5822

Harmonies

Analogous

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



58.4281, 0.3323, 0.3758



58.4281, 0.3059, 0.3659



58.4281, 0.2820, 0.3447

Triad

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



58.4281, 0.3059, 0.3659



58.4281, 0.2720, 0.2869



58.4281, 0.3611, 0.3352

Complementary

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



58.4281, 0.3059, 0.3659



48.3028, 0.3204, 0.2947

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.



58.4281, 0.3436, 0.3133



58.4281, 0.3059, 0.3659



58.4281, 0.2918, 0.2861

Square

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



58.4281, 0.3059, 0.3659



58.4281, 0.2631, 0.2986



58.4281, 0.3179, 0.2958



58.4281, 0.3649, 0.3565

Rectangle

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



58.4281, 0.3059, 0.3659



58.4281, 0.2705, 0.3279



58.4281, 0.3179, 0.2958



58.4281, 0.3566, 0.3277

Sweetspot

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



58.4306, 0.3059, 0.3659



97.0165, 0.3107, 0.3391



61.9030, 0.3331, 0.3720



20.6791, 0.3104, 0.3406



0.0000, 0.0000, 0.0000



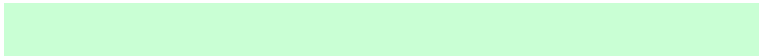
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4306, 0.3059, 0.3659



88.7428, 0.3043, 0.3759



59.2006, 0.2943, 0.3431



13.2430, 0.3090, 0.3483



28.2231, 0.2945, 0.5802



1.5893, 0.2852, 0.5466

Inverse Universe

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



48.3028, 0.3204, 0.2947



69.8153, 0.3225, 0.2862



47.5091, 0.3353, 0.3153



11.9683, 0.3167, 0.3104



10.1299, 0.3763, 0.1846



0.5767, 0.3643, 0.1780

Previews

White Background



This preview shows how the Yxy color 58.4281, 0.3059, 0.3659 looks on a white background.

Color Contrast Check

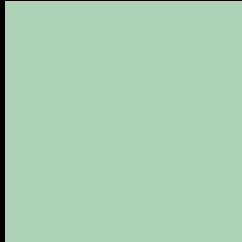
Large Text (above 18pt) WCAG AA × Fail

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 58.4281, 0.3059, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

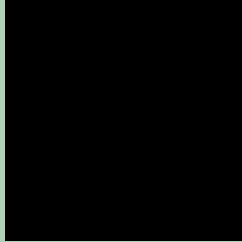
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

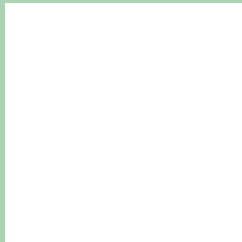
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4281, 0.3059, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 58.4281, 0.3059, 0.3659.

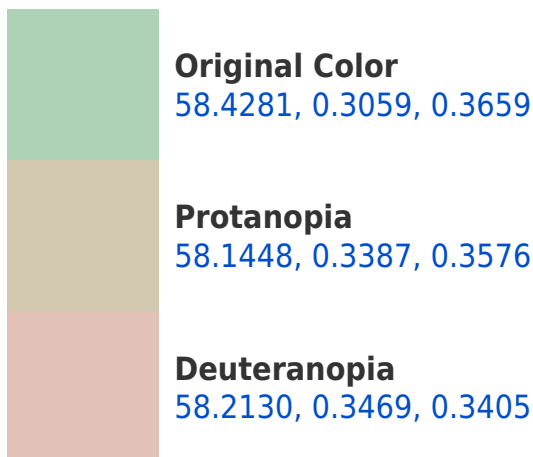


This preview shows how white text looks on a background with the Yxy color 58.4281, 0.3059, 0.3659.

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

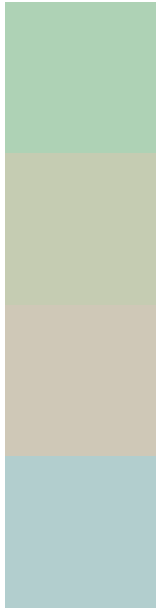




Tritanopia

58.2299, 0.2845, 0.3085

Trichromacy



Original Color

58.4281, 0.3059, 0.3659

Protanomaly

58.2704, 0.3260, 0.3608

Deuteranomaly

57.9928, 0.3309, 0.3493

Tritanomaly

58.0638, 0.2922, 0.3289

Monochromacy



Original Color

58.4281, 0.3059, 0.3659

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.2262, 0.3098, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4281, 0.3059, 0.3659 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(174, 210, 181)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 181)  
}
```

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(174, 210, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 181) }
```

Border

The CSS property to change the border of an element to Yxy 58.4281, 0.3059, 0.3659 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(174, 210, 181) }
```

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

```
.border{ border-color:rgb(174, 210, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 210, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 181);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4281, 0.3059, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 181) }
```

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

```
.background{ background-color: rgb(174,  
210, 181) }
```

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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