

Converting Colors

Yxy(57.9768, 0.3017, 0.3562)

Have a look what the booklet for
Yxy(57.9768, 0.3017, 0.3562)
contains.

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Color

Yxy(58.1875, 0.3019, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	AED1BB
RGB	174, 209, 187
RGB Percent	68%, 82%, 73%
CMY	0.3175, 0.1804, 0.2666
CMYK	0.17, 0.00, 0.11, 0.18
HSL	142°, 28%, 75%
HSV	142°, 17%, 82%
XYZ	49.2343, 58.1875, 55.6597
YIQ	196.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

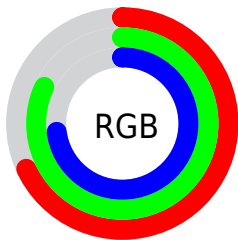
Format	Color
RYB	174, 200, 209
Decimal	11456955
CIELab	80.84, -15.87, 7.06
CIElCh	81, 17.368, 156.032
Yxy	58.1875, 0.3019, 0.3568
Android (android.graphics.Color)	4289647035 (0xFFAED1BB)
YUV	196.0270, -4.4503, -19.3177
Hunter-Lab	76.2807, -18.2810, 10.1344

Details

The Yxy color **58.1875, 0.3019, 0.3568** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8301, 0.3254, 0.3027**, and the grayscale version is **55.2588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8141, 0.3042, 0.3410**, and **28.8974, 0.2986, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **55.4352, 0.2957, 0.3761**, and if you desaturate by 10%, it is **61.3697, 0.3083, 0.3395**.

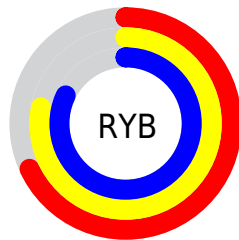
Distribution



Red (68%)

Green (82%)

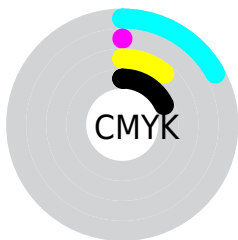
Blue (73%)



Red (68%)

Yellow (78%)

Blue (82%)

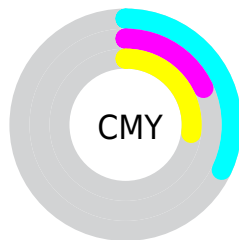


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (18%)



Cyan (32%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1875, 0.3019, 0.3568 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 58.1875, 0.3019, 0.3568 by changing the saturation by 10% instead.

 58.1875, 0.3019,
0.3568

 58.1875, 0.3019,
0.3568


417.8842, 0.3072,
0.3431

 41.9594, 0.3006,
0.3601

 102.1959, 0.3038,
0.3519

 29.0695, 0.2989,
0.3644


130.7449, 0.3046,
0.3500

 19.1334, 0.2967,
0.3700


164.1697, 0.3052,
0.3485

 11.7667, 0.2936,
0.3777

202.8547, 0.3057,
0.3471

 6.5850, 0.2892,
0.3889

247.1843, 0.3062,
0.3459

 3.2040, 0.2820,
0.4069

297.5428, 0.3066,

 1.2391, 0.2685,

0.3449

0.4415

354.3146, 0.3069,
0.3440

0.0933, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1875, 0.3019,
0.3568

58.1875, 0.3019,
0.3568

55.4352, 0.2957,
0.3761

61.3697, 0.3083,
0.3395

53.0868, 0.2900,
0.3972


64.9919, 0.3148,
0.3242


51.1249, 0.2852,
0.4200


69.0730, 0.3213,
0.3107

49.5276, 0.2814,
0.4440

73.1239, 0.3255,
0.2986


 48.2710, 0.2792,
0.4685


 73.9316, 0.3164,
0.2862

 47.3282, 0.2786,
0.4927

 74.0775, 0.3148,
0.2841

 46.6677, 0.2799,
0.5156

 46.2492, 0.2829,
0.5362

 46.1416, 0.2840,
0.5424

Harmonies

Analogous

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



58.1875, 0.3245, 0.3678



58.1875, 0.3019, 0.3568



58.1875, 0.2827, 0.3376

Triad

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



58.1875, 0.3019, 0.3568



58.1875, 0.2811, 0.2919



58.1875, 0.3557, 0.3389

Complementary

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



58.1875, 0.3019, 0.3568



47.8301, 0.3254, 0.3027

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.



58.1875, 0.3433, 0.3198



58.1875, 0.3019, 0.3568



58.1875, 0.2998, 0.2933

Square

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



58.1875, 0.3019, 0.3568



58.1875, 0.2710, 0.3000



58.1875, 0.3225, 0.3034



58.1875, 0.3561, 0.3563

Rectangle

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



58.1875, 0.3019, 0.3568



58.1875, 0.2741, 0.3233



58.1875, 0.3225, 0.3034



58.1875, 0.3528, 0.3325

Sweetspot

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



58.1900, 0.3019, 0.3568



97.1559, 0.3094, 0.3368



60.4149, 0.3275, 0.3716



20.7129, 0.3090, 0.3380



0.0000, 0.0000, 0.0000



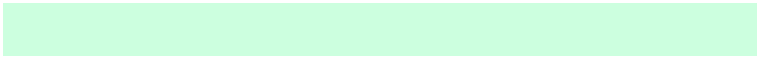
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1900, 0.3019, 0.3568



89.6815, 0.2997, 0.3633



58.9769, 0.2906, 0.3347



13.2778, 0.3066, 0.3440



28.4692, 0.2833, 0.5398



1.6070, 0.2727, 0.5019

Inverse Universe

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



47.8301, 0.3254, 0.3027



70.5058, 0.3285, 0.2970



47.0864, 0.3403, 0.3234



11.9315, 0.3194, 0.3145



9.3947, 0.4413, 0.2205



0.5404, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 58.1875, 0.3019, 0.3568 looks on a white background.

Color Contrast Check

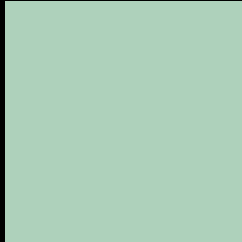
Large Text (above 18pt) WCAG AA × Fail

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 58.1875, 0.3019, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

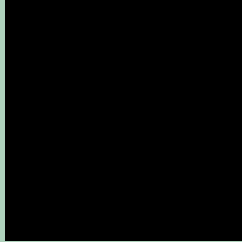
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

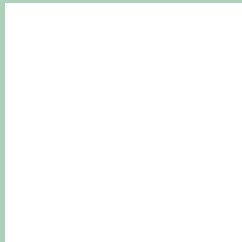
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1875, 0.3019, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 58.1875, 0.3019, 0.3568.



This preview shows how white text looks on a background with the Yxy color 58.1875, 0.3019, 0.3568.

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

58.1875, 0.3019, 0.3568

Protanopia

58.0958, 0.3324, 0.3505

Deuteranopia

57.5456, 0.3397, 0.3325



Tritanopia

58.0563, 0.2845, 0.3096

Trichromacy



Original Color

58.1875, 0.3019, 0.3568

Protanomaly

57.9083, 0.3210, 0.3522

Deuteranomaly

57.5001, 0.3249, 0.3410

Tritanomaly

58.1617, 0.2909, 0.3265

Monochromacy



Original Color

58.1875, 0.3019, 0.3568

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.3149, 0.3084, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1875, 0.3019, 0.3568 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, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 187)  
}
```

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, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 187) }
```

Border

The CSS property to change the border of an element to Yxy 58.1875, 0.3019, 0.3568 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, 209, 187) }
```

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

```
.border{ border-color:rgb(174, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 209, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 209, 187); box-shadow:4px 4px 4px 4px rgb(174, 209, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1875, 0.3019, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 187) }
```

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

```
.background{ background-color: rgb(174,  
209, 187) }
```

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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