

Converting Colors

$Yxy(58.6054, 0.3026, 0.3518)$

Have a look what the booklet for
Yxy(58.6054, 0.3026, 0.3518)
contains.

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Color

Yxy(58.7836, 0.3028, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	B2D1BE
RGB	178, 209, 190
RGB Percent	70%, 82%, 75%
CMY	0.3019, 0.1804, 0.2550
CMYK	0.15, 0.00, 0.09, 0.18
HSL	143°, 25%, 76%
HSV	143°, 15%, 82%
XYZ	50.4526, 58.7836, 57.3840
YIQ	197.5650, -12.3770, -12.4810

Conversions

Conversions Part 2

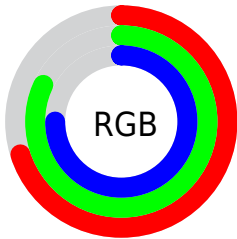
Format	Color
RYB	178, 200, 209
Decimal	11719102
CIELab	81.17, -14.01, 5.99
CIELCh	81, 15.232, 156.848
Yxy	58.7836, 0.3028, 0.3528
Android (android.graphics.Color)	4289909182 (0xFFB2D1BE)
YUV	197.5650, -3.7295, -17.1585
Hunter-Lab	76.6705, -16.7123, 9.2937

Details

The Yxy color **58.7836, 0.3028, 0.3528** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4322, 0.3241, 0.3063**, and the grayscale version is **56.2234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6662, 0.3049, 0.3379**, and **29.6088, 0.2997, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **55.9625, 0.2964, 0.3712**, and if you desaturate by 10%, it is **62.0358, 0.3095, 0.3363**.

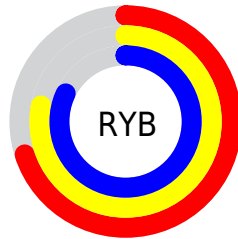
Distribution



Red (70%)

Green (82%)

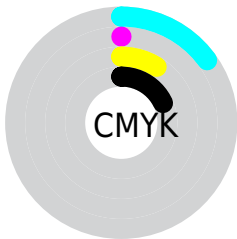
Blue (75%)



Red (70%)

Yellow (78%)

Blue (82%)

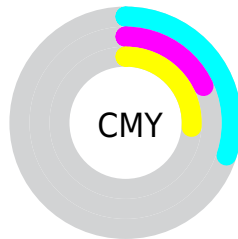


Cyan (15%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (30%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7836, 0.3028, 0.3528 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 58.7836, 0.3028, 0.3528 by changing the saturation by 10% instead.


 58.7836, 0.3028,
0.3528

 58.7836, 0.3028,
0.3528

420.0995, 0.3077,
0.3412

 42.4389, 0.3016,
0.3556


 103.0631, 0.3045,
0.3486

 29.4451, 0.3001,
0.3592


131.7667, 0.3052,
0.3470

 19.4178, 0.2981,
0.3640


165.3588, 0.3058,
0.3457

 11.9726, 0.2954,
0.3704

204.2237, 0.3063,
0.3445

 6.7250, 0.2914,
0.3798

248.7458, 0.3067,
0.3435

 3.2907, 0.2851,
0.3947

299.3095, 0.3070,

 1.2853, 0.2736,

0.3426

0.4218

356.2993, 0.3074,
0.3419

0.1298, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7836, 0.3028,
0.3528

58.7836, 0.3028,
0.3528

55.9625, 0.2964,
0.3712

62.0358, 0.3095,
0.3363

53.5467, 0.2904,
0.3915


65.7288, 0.3162,
0.3217


51.5191, 0.2852,
0.4135


69.8811, 0.3228,
0.3088


49.8585, 0.2811,
0.4367


73.2334, 0.3243,
0.2970


 48.5414, 0.2784,
0.4607


 74.0290, 0.3154,
0.2849

 47.5417, 0.2775,
0.4845

 74.0842, 0.3148,
0.2841

 46.8290, 0.2784,
0.5074

 46.3669, 0.2811,
0.5283

 46.1932, 0.2828,
0.5382

Harmonies

Analogous

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



58.7836, 0.3226, 0.3626



58.7836, 0.3028, 0.3528



58.7836, 0.2860, 0.3360

Triad

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



58.7836, 0.3028, 0.3528



58.7836, 0.2854, 0.2964



58.7836, 0.3504, 0.3383

Complementary

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



58.7836, 0.3028, 0.3528



49.4322, 0.3241, 0.3063

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.



58.7836, 0.3398, 0.3214



58.7836, 0.3028, 0.3528



58.7836, 0.3020, 0.2978

Square

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



58.7836, 0.3028, 0.3528



58.7836, 0.2762, 0.3034



58.7836, 0.3219, 0.3069



58.7836, 0.3505, 0.3534

Rectangle

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



58.7836, 0.3028, 0.3528



58.7836, 0.2787, 0.3237



58.7836, 0.3219, 0.3069



58.7836, 0.3480, 0.3327

Sweetspot

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



58.7861, 0.3028, 0.3528



97.7196, 0.3100, 0.3351



60.7056, 0.3255, 0.3666



20.8270, 0.3095, 0.3363



0.0000, 0.0000, 0.0000



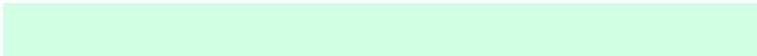
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7861, 0.3028, 0.3528



90.6257, 0.3006, 0.3588



59.4963, 0.2927, 0.3334



13.2807, 0.3064, 0.3436



28.4973, 0.2821, 0.5355



1.6087, 0.2716, 0.4979

Inverse Universe

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



49.4322, 0.3241, 0.3063



73.0412, 0.3271, 0.3010



48.7608, 0.3371, 0.3247



11.9285, 0.3196, 0.3148



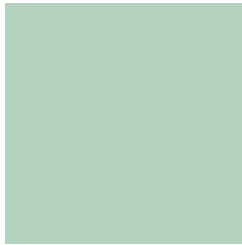
9.3441, 0.4472, 0.2237



0.5377, 0.4180, 0.2076

Previews

White Background



This preview shows how the Yxy color 58.7836, 0.3028, 0.3528 looks on a white background.

Color Contrast Check

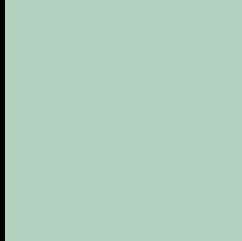
Large Text (above 18pt) WCAG AA × Fail

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 58.7836, 0.3028, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

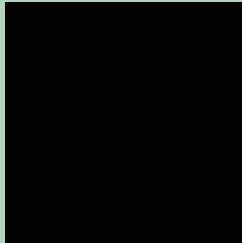
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

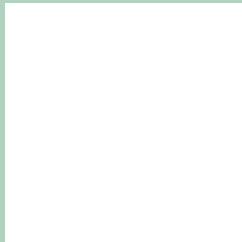
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7836, 0.3028, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 58.7836, 0.3028, 0.3528.



This preview shows how white text looks on a background with the Yxy color 58.7836, 0.3028, 0.3528.

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

58.7836, 0.3028, 0.3528

Protanopia

58.3666, 0.3310, 0.3468

Deuteranopia

58.2811, 0.3380, 0.3302



Tritanopia

58.4735, 0.2859, 0.3086

Trichromacy



Original Color

58.7836, 0.3028, 0.3528

Protanomaly

58.3055, 0.3203, 0.3484

Deuteranomaly

57.9180, 0.3242, 0.3373

Tritanomaly

58.6195, 0.2917, 0.3241

Monochromacy



Original Color

58.7836, 0.3028, 0.3528

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2576, 0.3092, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7836, 0.3028, 0.3528 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(178, 209, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 209, 190)  
}
```

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(178, 209, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 209, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.7836, 0.3028, 0.3528 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(178, 209, 190) }
```

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

```
.border{ border-color:rgb(178, 209, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 209, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 209, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 209, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 209,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7836, 0.3028, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 209, 190) }
```

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

```
.background{ background-color: rgb(178,  
209, 190) }
```

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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