

Converting Colors

$Y_{xy}(58.2373, 0.2952, 0.3521)$

Have a look what the booklet for
Yxy(58.2373, 0.2952, 0.3521)
contains.

Yxy(58.3340, 0.2951, 0.3518)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.3340, 0.2951, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	A9D2C0
RGB	169, 210, 192
RGB Percent	66%, 82%, 75%
CMY	0.3370, 0.1765, 0.2471
CMYK	0.19, 0.00, 0.09, 0.18
HSL	154°, 31%, 74%
HSV	154°, 19%, 82%
XYZ	48.9322, 58.3340, 58.5496
YIQ	195.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

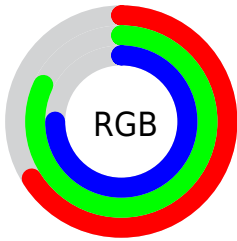
Format	Color
RYB	169, 195, 210
Decimal	11129536
CIELab	80.92, -17.04, 4.47
CIELCh	81, 17.620, 165.291
Yxy	58.3340, 0.2951, 0.3518
Android (android.graphics.Color)	4289319616 (0xFFA9D2C0)
YUV	195.6890, -1.8187, -23.4063
Hunter-Lab	76.3767, -19.2997, 8.0126

Details

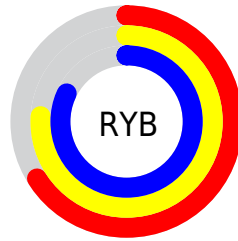
The Yxy color **58.3340, 0.2951, 0.3518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6881, 0.3346, 0.3073**, and the grayscale version is **55.0328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3049, 0.2984, 0.3360**, and **29.0198, 0.2898, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **55.8000, 0.2867, 0.3654**, and if you desaturate by 10%, it is **61.2716, 0.3040, 0.3395**.

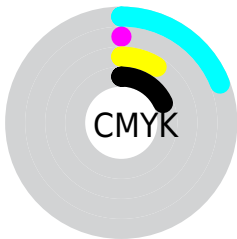
Distribution



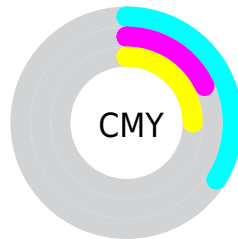
- Red (66%)
- Green (82%)
- Blue (75%)



- Red (66%)
- Yellow (76%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)




- Cyan (34%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3340, 0.2951, 0.3518 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 58.3340, 0.2951, 0.3518 by changing the saturation by 10% instead.


 58.3340, 0.2951,
0.3518

 58.3340, 0.2951,
0.3518


418.4293, 0.3037,
0.3407

 42.0772, 0.2930,
0.3545


 102.4091, 0.2982,
0.3478

 29.1618, 0.2904,
0.3580


130.9962, 0.2993,
0.3463

 19.2032, 0.2870,
0.3625


164.4622, 0.3003,
0.3450

 11.8172, 0.2823,
0.3687

203.1914, 0.3012,
0.3439

 6.6193, 0.2756,
0.3777

247.5684, 0.3019,
0.3429

 3.2252, 0.2652,
0.3919

297.9774, 0.3026,

 1.2504, 0.2454,

0.3421

0.4184

354.8030, 0.3031,
0.3413

0.1023, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.3340, 0.2951,
0.3518

58.3340, 0.2951,
0.3518

55.8000, 0.2867,
0.3654

61.2716, 0.3040,
0.3395

53.6439, 0.2792,
0.3801


64.6225, 0.3132,
0.3285


51.8487, 0.2728,
0.3959


68.4052, 0.3224,
0.3186


50.3927, 0.2678,
0.4125


72.6347, 0.3316,
0.3100


 49.2520, 0.2647,
0.4296


 73.5309, 0.3264,
0.3010


 48.3995, 0.2635,
0.4469

 74.0878, 0.3200,
0.2922

 47.8031, 0.2643,
0.4639

 74.5691, 0.3148,
0.2851

 47.4080, 0.2668,
0.4803

 47.3900, 0.2670,
0.4811

Harmonies

Analogous

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



58.3340, 0.3176, 0.3661



58.3340, 0.2951, 0.3518



58.3340, 0.2777, 0.3310

Triad

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



58.3340, 0.2951, 0.3518



58.3340, 0.2857, 0.2908



58.3340, 0.3579, 0.3449

Complementary

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



58.3340, 0.2951, 0.3518



45.6881, 0.3346, 0.3073

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.



58.3340, 0.3487, 0.3255



58.3340, 0.2951, 0.3518



58.3340, 0.3065, 0.2952

Square

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



58.3340, 0.2951, 0.3518



58.3340, 0.2725, 0.2961



58.3340, 0.3297, 0.3077



58.3340, 0.3543, 0.3610

Rectangle

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



58.3340, 0.2951, 0.3518



58.3340, 0.2711, 0.3169



58.3340, 0.3297, 0.3077



58.3340, 0.3562, 0.3385

Sweetspot

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



58.3364, 0.2951, 0.3518



96.7872, 0.3071, 0.3356



59.5811, 0.3241, 0.3800



20.6447, 0.3065, 0.3363



0.0000, 0.0000, 0.0000



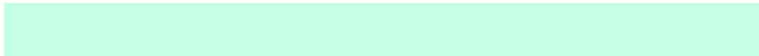
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3364, 0.2951, 0.3518



88.9724, 0.2919, 0.3568



58.1792, 0.2836, 0.3264



13.3157, 0.3041, 0.3394



28.9303, 0.2663, 0.4788



1.6334, 0.2579, 0.4485

Inverse Universe

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



45.6881, 0.3346, 0.3073



66.1787, 0.3399, 0.3029



45.7328, 0.3504, 0.3316



11.8933, 0.3223, 0.3188



8.8518, 0.5199, 0.2637



0.5108, 0.4743, 0.2386

Previews

White Background



This preview shows how the Yxy color 58.3340, 0.2951, 0.3518 looks on a white background.

Color Contrast Check

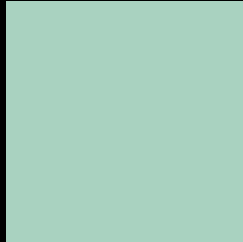
Large Text (above 18pt) WCAG AA × Fail

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 58.3340, 0.2951, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

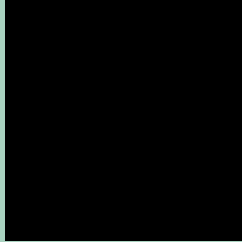
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

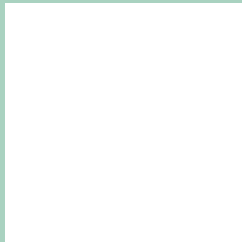
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3340, 0.2951, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 58.3340, 0.2951, 0.3518.



This preview shows how white text looks on a background with the Yxy color 58.3340, 0.2951, 0.3518.

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

58.3340, 0.2951, 0.3518

Protanopia

58.1191, 0.3286, 0.3457

Deuteranopia

58.0533, 0.3348, 0.3279



Tritanopia

58.5305, 0.2800, 0.3096

Trichromacy



Original Color

58.3340, 0.2951, 0.3518

Protanomaly

58.1540, 0.3156, 0.3486

Deuteranomaly

57.9001, 0.3194, 0.3362

Tritanomaly

58.2130, 0.2855, 0.3240

Monochromacy



Original Color

58.3340, 0.2951, 0.3518

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1525, 0.3055, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3340, 0.2951, 0.3518 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(169, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 210, 192)  
}
```

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(169, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 58.3340, 0.2951, 0.3518 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(169, 210, 192) }
```

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

```
.border{ border-color:rgb(169, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3340, 0.2951, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 192) }
```

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

```
.background{ background-color: rgb(169,  
210, 192) }
```

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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