

Converting Colors

$Y_{xy}(59.0105, 0.2958, 0.3403)$

Have a look what the booklet for
Yxy(59.0105, 0.2958, 0.3403)
contains.

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Color

Yxy(59.1182, 0.2955, 0.3401)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1D1C8 |
| RGB | 177, 209, 200 |
| RGB Percent | 69%, 82%, 78% |
| CMY | 0.3057, 0.1804, 0.2157 |
| CMYK | 0.15, 0.00, 0.04, 0.18 |
| HSL | 163°, 26%, 76% |
| HSV | 163°, 15%, 82% |
| XYZ | 51.3656, 59.1182, 63.3422 |
| YIQ | 198.4060, -16.1830, -9.5830 |

Conversions

Conversions Part 2

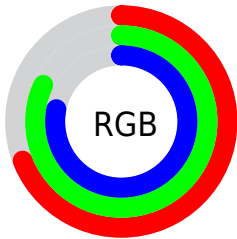
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 177, 196, 209 |
| Decimal | 11653576 |
| CIELab | 81.36, -12.37, 0.90 |
| CIELCh | 81, 12.404, 175.849 |
| Yxy | 59.1182, 0.2955, 0.3401 |
| Android (android.graphics.Color) | 4289843656 (0xFFB1D1C8) |
| YUV | 198.4060, 0.7858, -18.7731 |
| Hunter-Lab | 76.8884, -15.3070, 4.9776 |

Details

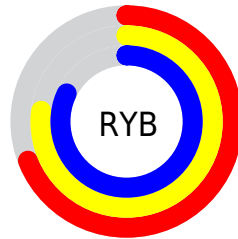
The Yxy color **59.1182, 0.2955, 0.3401** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5679, 0.3334, 0.3182**, and the grayscale version is **56.7409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **29.8031, 0.2911, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **56.5805, 0.2849, 0.3483**, and if you desaturate by 10%, it is **62.0474, 0.3067, 0.3326**.

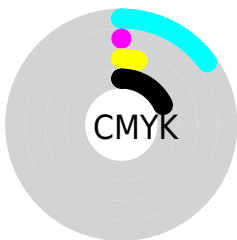
Distribution



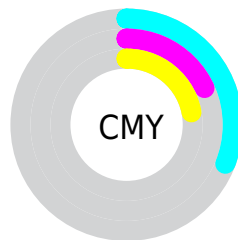
- Red (69%)
- Green (82%)
- Blue (78%)



- Red (69%)
- Yellow (77%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1182, 0.2955, 0.3401 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 59.1182, 0.2955, 0.3401 by changing the saturation by 10% instead.

■ 59.1182, 0.2955,
0.3401

■ 59.1182, 0.2955,
0.3401

421.3398, 0.3038,
0.3348

■ 42.7083, 0.2935,
0.3414

■ 103.5494, 0.2984,
0.3382

■ 29.6563, 0.2910,
0.3430

132.3395, 0.2996,
0.3375

■ 19.5779, 0.2878,
0.3451

166.0252, 0.3005,
0.3369

■ 12.0886, 0.2835,
0.3479

204.9907, 0.3013,
0.3363

■ 6.8040, 0.2773,
0.3520

249.6205, 0.3021,
0.3359

■ 3.3398, 0.2679,
0.3582

300.2991, 0.3027,

■ 1.3116, 0.2516,

0.3354

0.3691

357.4107, 0.3033,
0.3351

0.1502, 0.0000,
0.5985

0.0000, 0.0000,
0.0000

59.1182, 0.2955,
0.3401

59.1182, 0.2955,
0.3401

56.5805, 0.2849,
0.3483

62.0474, 0.3067,
0.3326

54.4096, 0.2753,
0.3572

65.3766, 0.3182,
0.3259

52.5896, 0.2668,
0.3667

69.1235, 0.3298,
0.3199

51.1003, 0.2598,
0.3767

72.2146, 0.3371,
0.3144

■ 49.9196, 0.2545,
0.3871

■ 72.5389, 0.3328,
0.3085

■ 49.0225, 0.2512,
0.3978

■ 72.8743, 0.3285,
0.3028

■ 48.3801, 0.2498,
0.4084

■ 73.2211, 0.3244,
0.2971

■ 47.9568, 0.2504,
0.4190

■ 73.5792, 0.3202,
0.2915

■ 47.8025, 0.2511,
0.4240

■ 73.9487, 0.3162,
0.2860

Harmonies

Analogous

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



59.1182, 0.3106, 0.3520



59.1182, 0.2955, 0.3401



59.1182, 0.2852, 0.3253

Triad

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



59.1182, 0.2955, 0.3401



59.1182, 0.2985, 0.3023



59.1182, 0.3444, 0.3449

Complementary

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



59.1182, 0.2955, 0.3401



48.5679, 0.3334, 0.3182

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.



59.1182, 0.3410, 0.3316



59.1182, 0.2955, 0.3401



59.1182, 0.3143, 0.3075

Square

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



59.1182, 0.2955, 0.3401



59.1182, 0.2869, 0.3038



59.1182, 0.3299, 0.3181



59.1182, 0.3390, 0.3544

Rectangle

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



59.1182, 0.2955, 0.3401



59.1182, 0.2822, 0.3160



59.1182, 0.3299, 0.3181



59.1182, 0.3443, 0.3407

Sweetspot

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



59.1207, 0.2955, 0.3401



97.4323, 0.3069, 0.3325



59.2259, 0.3176, 0.3688



20.7801, 0.3061, 0.3330



0.0000, 0.0000, 0.0000



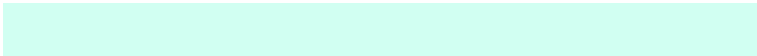
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1207, 0.2955, 0.3401



91.5047, 0.2923, 0.3424



56.2319, 0.2894, 0.3204



13.3479, 0.3020, 0.3356



29.4936, 0.2507, 0.4225



1.6623, 0.2453, 0.4031

Inverse Universe

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



48.5679, 0.3334, 0.3182



72.1858, 0.3382, 0.3160



51.0014, 0.3399, 0.3375



11.8622, 0.3247, 0.3225



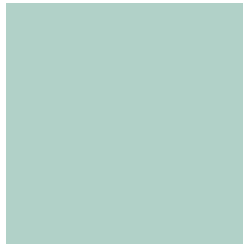
8.5665, 0.5809, 0.2974



0.4926, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 59.1182, 0.2955, 0.3401 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 59.1182, 0.2955, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

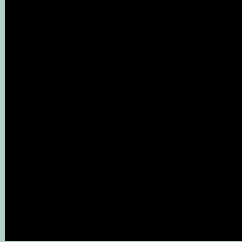
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

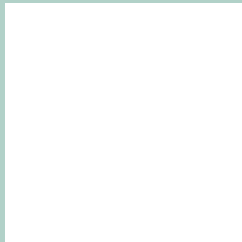
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1182, 0.2955, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 59.1182, 0.2955, 0.3401.



This preview shows how white text looks on a background with the Yxy color 59.1182, 0.2955, 0.3401.

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

59.1182, 0.2955, 0.3401

Protanopia

58.9788, 0.3218, 0.3361

Deuteranopia

58.7142, 0.3276, 0.3200



Tritanopia

59.2403, 0.2840, 0.3098

Trichromacy



Original Color

59.1182, 0.2955, 0.3401

Protanomaly

58.9527, 0.3116, 0.3374

Deuteranomaly

58.5520, 0.3152, 0.3267

Tritanomaly

59.1840, 0.2884, 0.3204

Monochromacy



Original Color

59.1182, 0.2955, 0.3401

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3117, 0.3057, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1182, 0.2955, 0.3401 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(177, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(177, 209, 200)  
}
```

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(177, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 209, 200) }
```

Border

The CSS property to change the border of an element to Yxy 59.1182, 0.2955, 0.3401 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(177, 209, 200) }
```

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

```
.border{ border-color:rgb(177, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(177, 209,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1182, 0.2955, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 209, 200) }
```

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

```
.background{ background-color: rgb(177,  
209, 200) }
```

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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