

Converting Colors

$Yxy(58.3287, 0.2845, 0.3295)$

Have a look what the booklet for
Yxy(58.3287, 0.2845, 0.3295)
contains.

Yxy(58.5900, 0.2848, 0.3302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.5900, 0.2848, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	A9D1D0
RGB	169, 209, 208
RGB Percent	66%, 82%, 82%
CMY	0.3376, 0.1803, 0.1843
CMYK	0.19, 0.00, 0.00, 0.18
HSL	178°, 30%, 74%
HSV	178°, 19%, 82%
XYZ	50.5343, 58.5900, 68.3136
YIQ	196.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

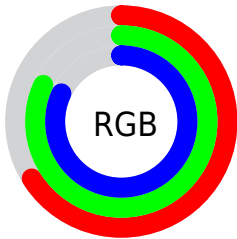
Format	Color
RYB	169, 189, 209
Decimal	11129296
CIELab	81.07, -13.33, -3.86
CIELCh	81, 13.875, 196.161
Yxy	58.5900, 0.2848, 0.3302
Android (android.graphics.Color)	4289319376 (0xFFA9D1D0)
YUV	196.9260, 5.4595, -24.4911
Hunter-Lab	76.5441, -16.1067, 0.6661

Details

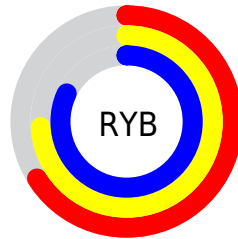
The Yxy color **58.5900, 0.2848, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8068, 0.3492, 0.3278**, and the grayscale version is **55.7577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **29.4888, 0.2775, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **56.4373, 0.2717, 0.3309**, and if you desaturate by 10%, it is **61.1171, 0.2990, 0.3296**.

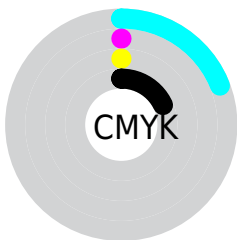
Distribution



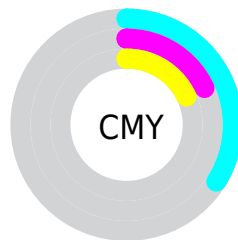
- Red (66%)
- Green (82%)
- Blue (82%)



- Red (66%)
- Yellow (74%)
- Blue (82%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5900, 0.2848, 0.3302 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 58.5900, 0.2848, 0.3302 by changing the saturation by 10% instead.


 58.5900, 0.2848,
0.3302

 58.5900, 0.2848,
0.3302


419.3808, 0.2981,
0.3298

 42.2832, 0.2816,
0.3303

 102.7815, 0.2895,
0.3301

 29.3231, 0.2777,
0.3303


131.4350, 0.2913,
0.3300

 19.3254, 0.2726,
0.3304


164.9728, 0.2929,
0.3300

 11.9056, 0.2657,
0.3304

203.7794, 0.2942,
0.3299

 6.6794, 0.2561,
0.3304

248.2391, 0.2954,
0.3299

 3.2624, 0.2415,
0.3300

298.7363, 0.2964,

 1.2702, 0.2171,

0.3298

0.3287

355.6554, 0.2973,
0.3298

0.1180, 0.0000,
0.2285

0.0000, 0.0000,
0.0000

58.5900, 0.2848,
0.3302

58.5900, 0.2848,
0.3302

56.4373, 0.2717,
0.3309

61.1171, 0.2990,
0.3296

54.6343, 0.2600,
0.3317

64.0277, 0.3140,
0.3290

53.1643, 0.2499,
0.3325

67.3397, 0.3294,
0.3284

52.0067, 0.2416,
0.3333

71.0675, 0.3451,
0.3279

■ 51.1385, 0.2352,
0.3341

■ 71.5593, 0.3466,
0.3274

■ 50.5333, 0.2308,
0.3349

■ 71.5863, 0.3462,
0.3269

■ 50.1603, 0.2281,
0.3358

■ 71.6133, 0.3458,
0.3263

■ 49.9680, 0.2269,
0.3366

■ 71.6405, 0.3454,
0.3258

■ 49.9549, 0.2269,
0.3366

■ 71.6677, 0.3450,
0.3252

Harmonies

Analogous

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



58.5900, 0.2984, 0.3464



58.5900, 0.2848, 0.3302



58.5900, 0.2785, 0.3142

Triad

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



58.5900, 0.2848, 0.3302



58.5900, 0.3085, 0.3023



58.5900, 0.3452, 0.3546

Complementary

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



58.5900, 0.2848, 0.3302



44.8068, 0.3492, 0.3278

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.



58.5900, 0.3482, 0.3422



58.5900, 0.2848, 0.3302



58.5900, 0.3266, 0.3125

Square

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



58.5900, 0.2848, 0.3302



58.5900, 0.2919, 0.2988



58.5900, 0.3413, 0.3269



58.5900, 0.3333, 0.3606

Rectangle

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



58.5900, 0.2848, 0.3302



58.5900, 0.2793, 0.3059



58.5900, 0.3413, 0.3269



58.5900, 0.3473, 0.3510

Sweetspot

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



58.5924, 0.2848, 0.3302



97.1875, 0.3036, 0.3294



57.0490, 0.3113, 0.3811



20.7395, 0.3026, 0.3294



0.0000, 0.0000, 0.0000



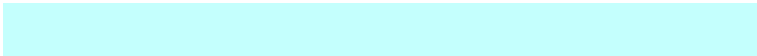
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5924, 0.2848, 0.3302



90.4260, 0.2793, 0.3305



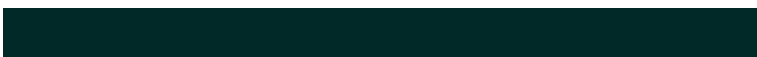
49.9925, 0.2828, 0.3051



13.4016, 0.2987, 0.3296



30.7954, 0.2268, 0.3365



1.7236, 0.2264, 0.3350

Inverse Universe

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



44.8068, 0.3492, 0.3278



64.9686, 0.3592, 0.3276



52.2317, 0.3459, 0.3518



11.8131, 0.3287, 0.3284



8.3673, 0.6370, 0.3283



0.4696, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 58.5900, 0.2848, 0.3302 looks on a white background.

Color Contrast Check

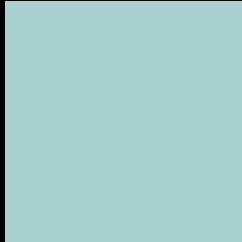
Large Text (above 18pt) WCAG AA × Fail

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 58.5900, 0.2848, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

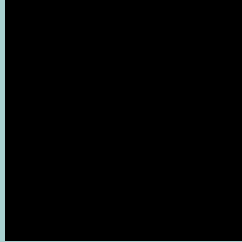
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

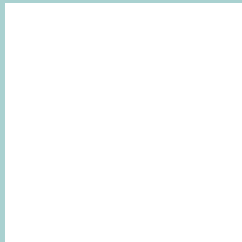
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5900, 0.2848, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 58.5900, 0.2848, 0.3302.

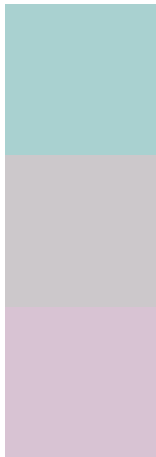


This preview shows how white text looks on a background with the Yxy color 58.5900, 0.2848, 0.3302.

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

58.5900, 0.2848, 0.3302

Protanopia

58.4577, 0.3137, 0.3255

Deuteranopia

58.3323, 0.3175, 0.3108



Tritanopia

58.7240, 0.2775, 0.3095

Trichromacy



Original Color

58.5900, 0.2848, 0.3302

Protanomaly

58.1960, 0.3022, 0.3266

Deuteranomaly

58.1038, 0.3048, 0.3172

Tritanomaly

58.8316, 0.2799, 0.3167

Monochromacy



Original Color

58.5900, 0.2848, 0.3302

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5551, 0.3020, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5900, 0.2848, 0.3302 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, 209, 208)` looks like.

```
.text, #text, p{  
    color:rgb(169, 209, 208)  
}
```

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, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 209, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.5900, 0.2848, 0.3302 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, 209, 208) }
```

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

```
.border{ border-color:rgb(169, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(169, 209,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5900, 0.2848, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 209, 208) }
```

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

```
.background{ background-color: rgb(169,  
209, 208) }
```

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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