

Converting Colors

$Yxy(58.7995, 0.2884, 0.3277)$

Have a look what the booklet for
Yxy(58.7995, 0.2884, 0.3277)
contains.

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Color

Yxy(58.8292, 0.2882, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AFD0D1
RGB	175, 208, 209
RGB Percent	69%, 82%, 82%
CMY	0.3139, 0.1843, 0.1804
CMYK	0.16, 0.00, 0.00, 0.18
HSL	182°, 27%, 75%
HSV	182°, 16%, 82%
XYZ	51.7381, 58.8292, 68.9542
YIQ	198.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

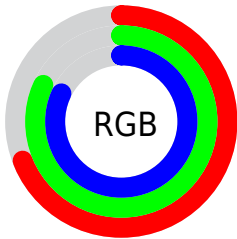
Format	Color
RYB	175, 192, 209
Decimal	11522257
CIELab	81.20, -10.70, -4.17
CIELCh	81, 11.487, 201.275
Yxy	58.8292, 0.2882, 0.3277
Android (android.graphics.Color)	4289712337 (0xFFAFD0D1)
YUV	198.2470, 5.3012, -20.3876
Hunter-Lab	76.7002, -13.8182, 0.3879

Details

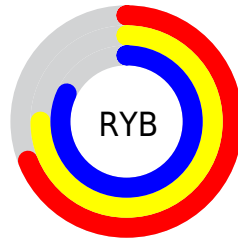
The Yxy color **58.8292, 0.2882, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.6852, 0.3432, 0.3303**, and the grayscale version is **56.6040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **29.6153, 0.2818, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **56.3006, 0.2743, 0.3268**, and if you desaturate by 10%, it is **61.7381, 0.3030, 0.3285**.

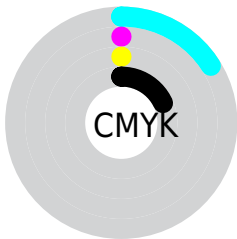
Distribution



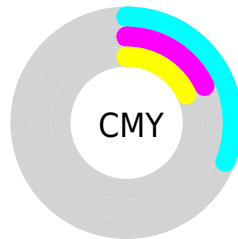
- Red (69%)
- Green (82%)
- Blue (82%)



- Red (69%)
- Yellow (75%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8292, 0.2882, 0.3277 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 58.8292, 0.2882, 0.3277 by changing the saturation by 10% instead.

 58.8292, 0.2882,
0.3277

 58.8292, 0.2882,
0.3277


420.2687, 0.2999,
0.3284

 42.4756, 0.2854,
0.3275


 103.1294, 0.2923,
0.3280

 29.4739, 0.2820,
0.3272


131.8448, 0.2939,
0.3281

 19.4396, 0.2775,
0.3268


165.4496, 0.2953,
0.3282

 11.9884, 0.2715,
0.3263

204.3282, 0.2965,
0.3282

 6.7358, 0.2630,
0.3254

248.8651, 0.2975,
0.3283

 3.2974, 0.2502,
0.3239

299.4445, 0.2984,

 1.2889, 0.2287,

0.3284

0.3206

356.4509, 0.2992,
0.3284

0.1326, 0.0000,
0.2333

0.0000, 0.0000,
0.0000

58.8292, 0.2882,
0.3277

58.8292, 0.2882,
0.3277

56.3006, 0.2743,
0.3268

61.7381, 0.3030,
0.3285

54.1278, 0.2617,
0.3259

65.0360, 0.3185,
0.3293

52.2948, 0.2507,
0.3250

68.7406, 0.3344,
0.3300

50.7814, 0.2413,
0.3240

72.1831, 0.3476,
0.3306

■ 49.5652, 0.2339,
0.3230

■ 72.4864, 0.3475,
0.3312

■ 48.6212, 0.2283,
0.3220

■ 72.7907, 0.3474,
0.3318

■ 47.9199, 0.2247,
0.3210

■ 73.0963, 0.3473,
0.3324

■ 47.4242, 0.2227,
0.3201

■ 73.4029, 0.3472,
0.3331

■ 47.2670, 0.2222,
0.3197

■ 73.7108, 0.3471,
0.3337

Harmonies

Analogous

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



58.8292, 0.2987, 0.3412



58.8292, 0.2882, 0.3277



58.8292, 0.2842, 0.3149

Triad

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



58.8292, 0.2882, 0.3277



58.8292, 0.3118, 0.3079



58.8292, 0.3383, 0.3515

Complementary

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



58.8292, 0.2882, 0.3277



47.6852, 0.3432, 0.3303

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.



58.8292, 0.3421, 0.3421



58.8292, 0.2882, 0.3277



58.8292, 0.3266, 0.3172

Square

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



58.8292, 0.2882, 0.3277



58.8292, 0.2976, 0.3039



58.8292, 0.3378, 0.3295



58.8292, 0.3276, 0.3552

Rectangle

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



58.8292, 0.2882, 0.3277



58.8292, 0.2856, 0.3086



58.8292, 0.3378, 0.3295



58.8292, 0.3405, 0.3489

Sweetspot

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



58.8316, 0.2882, 0.3277



97.4239, 0.3049, 0.3286



57.8308, 0.3103, 0.3718



20.7779, 0.3038, 0.3286



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.



58.8316, 0.2882, 0.3277



90.6296, 0.2826, 0.3274



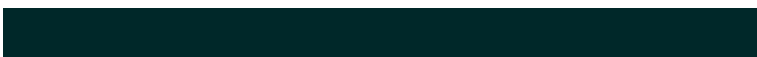
51.1583, 0.2873, 0.3068



13.3453, 0.2983, 0.3283



29.1675, 0.2222, 0.3199



1.6499, 0.2227, 0.3216

Inverse Universe

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



48.7573, 0.3154, 0.2901



71.5701, 0.3161, 0.2805



54.5931, 0.3400, 0.3502



12.0028, 0.3142, 0.3068



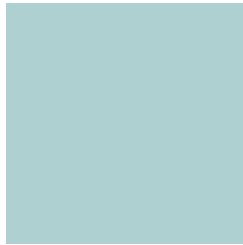
11.0157, 0.3283, 0.1582



0.6179, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 58.8292, 0.2882, 0.3277 looks on a white background.

Color Contrast Check

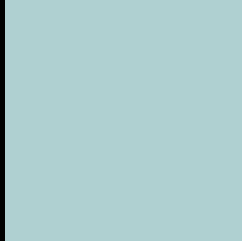
Large Text (above 18pt) WCAG AA × Fail

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 58.8292, 0.2882, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

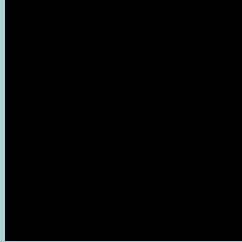
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

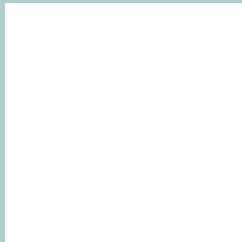
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8292, 0.2882, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 58.8292, 0.2882, 0.3277.

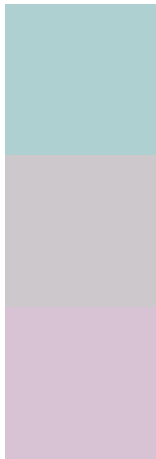


This preview shows how white text looks on a background with the Yxy color 58.8292, 0.2882, 0.3277.

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

58.8292, 0.2882, 0.3277

Protanopia

58.5056, 0.3129, 0.3243

Deuteranopia

58.3826, 0.3168, 0.3097



Tritanopia

58.7637, 0.2813, 0.3096

Trichromacy



Original Color

58.8292, 0.2882, 0.3277

Protanomaly

58.5056, 0.3030, 0.3254

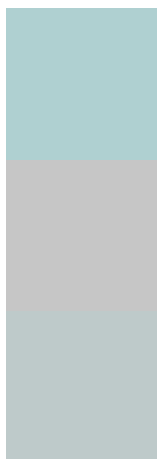
Deuteranomaly

58.4292, 0.3056, 0.3161

Tritanomaly

58.8655, 0.2838, 0.3168

Monochromacy



Original Color

58.8292, 0.2882, 0.3277

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.4525, 0.3036, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8292, 0.2882, 0.3277 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(175, 208, 209)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 209)  
}
```

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(175, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.8292, 0.2882, 0.3277 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(175, 208, 209) }
```

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

```
.border{ border-color:rgb(175, 208, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8292, 0.2882, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 209) }
```

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

```
.background{ background-color: rgb(175,  
208, 209) }
```

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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