

Converting Colors

$Yxy(58.8335, 0.2657, 0.3289)$

Have a look what the booklet for
Yxy(58.8335, 0.2657, 0.3289)
contains.

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Color

Yxy(58.7878, 0.2658, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	8FD6D6
RGB	143, 214, 214
RGB Percent	56%, 84%, 84%
CMY	0.4392, 0.1608, 0.1609
CMYK	0.33, 0.00, 0.00, 0.16
HSL	180°, 46%, 70%
HSV	180°, 33%, 84%
XYZ	47.5093, 58.7878, 72.4436
YIQ	192.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

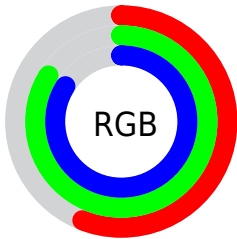
Format	Color
RYB	143, 179, 214
Decimal	9426646
CIELab	81.17, -22.05, -7.06
CIELCh	81, 23.148, 197.749
Yxy	58.7878, 0.2658, 0.3289
Android (android.graphics.Color)	4287616726 (0xFF8FD6D6)
YUV	192.7710, 10.4659, -43.6492
Hunter-Lab	76.6732, -23.5736, -2.3481

Details

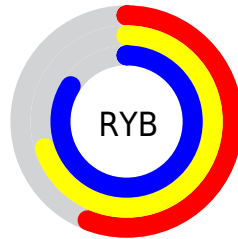
The Yxy color **58.7878, 0.2658, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9276, 0.3896, 0.3292**, and the grayscale version is **53.1438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **29.4233, 0.2545, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **57.0583, 0.2545, 0.3289**, and if you desaturate by 10%, it is **60.8863, 0.2786, 0.3289**.

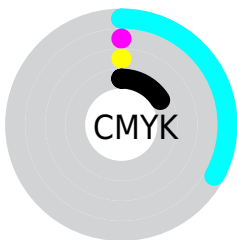
Distribution



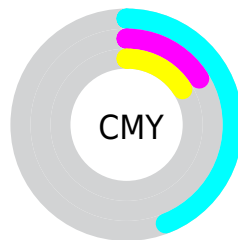
- Red (56%)
- Green (84%)
- Blue (84%)



- Red (56%)
- Yellow (70%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




- Cyan (44%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7878, 0.2658, 0.3289 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 58.7878, 0.2658, 0.3289 by changing the saturation by 10% instead.

 58.7878, 0.2658,
0.3289


 58.7878, 0.2658,
0.3289

420.1151, 0.2880,
0.3293

 42.4423, 0.2606,
0.3287

 103.0692, 0.2736,
0.3291

 29.4478, 0.2541,
0.3284


 131.7739, 0.2766,
0.3292

 19.4198, 0.2458,
0.3279


165.3671, 0.2792,
0.3292

 11.9740, 0.2347,
0.3271

204.2333, 0.2815,
0.3293

 6.7260, 0.2193,
0.3256

248.7568, 0.2834,
0.3293

 3.2913, 0.1967,
0.3227

299.3220, 0.2851,

 1.2857, 0.1572,

0.3293

0.3170

356.3133, 0.2867,
0.3293

0.1301, 0.0000,
0.1700

0.0000, 0.0000,
0.0000

58.7878, 0.2658,
0.3289

58.7878, 0.2658,
0.3289

57.0583, 0.2545,
0.3289

60.8863, 0.2786,
0.3289

55.6701, 0.2449,
0.3289


63.3659, 0.2927,
0.3290

54.6025, 0.2372,
0.3289


66.2467, 0.3078,
0.3290


53.8299, 0.2315,
0.3289


69.5455, 0.3235,
0.3290


 53.3228, 0.2276,
0.3289


 73.2779, 0.3396,
0.3291


 53.0454, 0.2255,
0.3289

 74.2130, 0.3433,
0.3291

 52.9469, 0.2247,
0.3289

 74.2135, 0.3433,
0.3291

 74.2140, 0.3433,
0.3290

 74.2145, 0.3433,
0.3290

Harmonies

Analogous

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



58.7878, 0.2873, 0.3571



58.7878, 0.2658, 0.3289



58.7878, 0.2566, 0.3024

Triad

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



58.7878, 0.2658, 0.3289



58.7878, 0.3069, 0.2863



58.7878, 0.3661, 0.3719

Complementary

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



58.7878, 0.2658, 0.3289



35.9276, 0.3896, 0.3292

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.



58.7878, 0.3723, 0.3511



58.7878, 0.2658, 0.3289



58.7878, 0.3372, 0.3030

Square

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



58.7878, 0.2658, 0.3289



58.7878, 0.2794, 0.2796



58.7878, 0.3616, 0.3262



58.7878, 0.3452, 0.3822

Rectangle

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



58.7878, 0.2658, 0.3289



58.7878, 0.2582, 0.2895



58.7878, 0.3616, 0.3262



58.7878, 0.3700, 0.3658

Sweetspot

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



58.7901, 0.2658, 0.3289



95.4797, 0.2973, 0.3290



56.0259, 0.3089, 0.4269



20.3113, 0.2952, 0.3290



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.



58.7901, 0.2658, 0.3289



85.5094, 0.2575, 0.3289



43.2124, 0.2600, 0.2828



14.1078, 0.2983, 0.3290



32.0008, 0.2247, 0.3289



1.9302, 0.2247, 0.3289

Inverse Universe

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



35.9276, 0.3896, 0.3292



46.3439, 0.4148, 0.3293



47.8520, 0.3758, 0.3709



12.4209, 0.3291, 0.3290



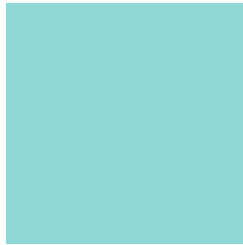
8.6413, 0.6400, 0.3299



0.5212, 0.6399, 0.3298

Previews

White Background



This preview shows how the Yxy color 58.7878, 0.2658, 0.3289 looks on a white background.

Color Contrast Check

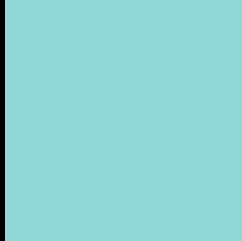
Large Text (above 18pt) WCAG AA × Fail

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 58.7878, 0.2658, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

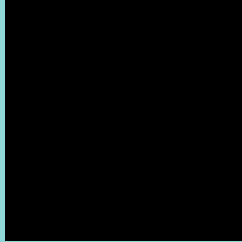
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

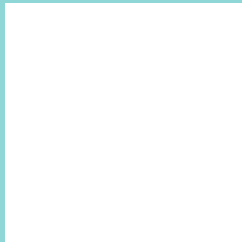
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7878, 0.2658, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 58.7878, 0.2658, 0.3289.

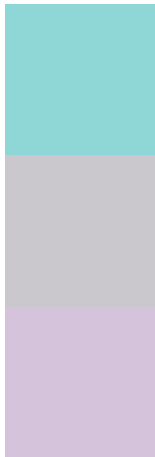


This preview shows how white text looks on a background with the Yxy color 58.7878, 0.2658, 0.3289.

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

58.7878, 0.2658, 0.3289

Protanopia

58.4128, 0.3114, 0.3231

Deuteranopia

58.0892, 0.3092, 0.3028



Tritanopia

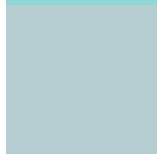
58.9472, 0.2596, 0.3077

Trichromacy



Original Color

58.7878, 0.2658, 0.3289



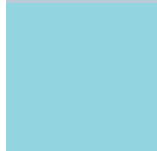
Protanomaly

58.0405, 0.2929, 0.3253



Deuteranomaly

57.8156, 0.2912, 0.3110



Tritanomaly

59.0813, 0.2619, 0.3151

Monochromacy



Original Color

58.7878, 0.2658, 0.3289



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.1043, 0.2932, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7878, 0.2658, 0.3289 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(143, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 214)  
}
```

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(143, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 214) }
```

Border

The CSS property to change the border of an element to Yxy 58.7878, 0.2658, 0.3289 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(143, 214, 214) }
```

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

```
.border{ border-color:rgb(143, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(143, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7878, 0.2658, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 214) }
```

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

```
.background{ background-color: rgb(143,  
214, 214) }
```

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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