

Converting Colors

$Yxy(59.3663, 0.2753, 0.3385)$

Have a look what the booklet for
Yxy(59.3663, 0.2753, 0.3385)
contains.

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Color

Yxy(59.2735, 0.2750, 0.3378)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 98D6CF |
| RGB | 152, 214, 207 |
| RGB Percent | 60%, 84%, 81% |
| CMY | 0.4041, 0.1607, 0.1882 |
| CMYK | 0.29, 0.00, 0.03, 0.16 |
| HSL | 173°, 43%, 72% |
| HSV | 173°, 29%, 84% |
| XYZ | 48.2540, 59.2735, 67.9417 |
| YIQ | 194.6640, -34.7050, -15.3210 |

Conversions

Conversions Part 2

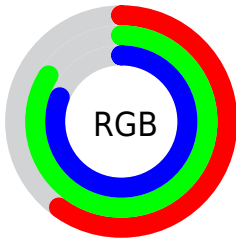
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 152, 185, 214 |
| Decimal | 10016463 |
| CIELab | 81.44, -21.13, -2.90 |
| CIELCh | 81, 21.332, 187.820 |
| Yxy | 59.2735, 0.2750, 0.3378 |
| Android (android.graphics.Color) | 4288206543 (0xFF98D6CF) |
| YUV | 194.6640, 6.0816, -37.4163 |
| Hunter-Lab | 76.9893, -22.8541, 1.5701 |

Details

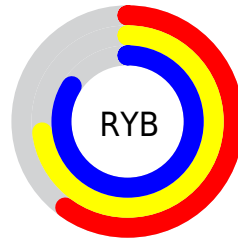
The Yxy color **59.2735, 0.2750, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2429, 0.3693, 0.3206**, and the grayscale version is **54.3387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **29.7488, 0.2656, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **57.2775, 0.2641, 0.3413**, and if you desaturate by 10%, it is **61.6487, 0.2872, 0.3345**.

Distribution



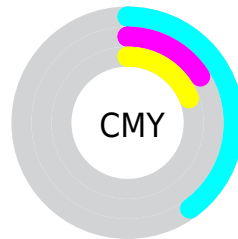
- Red (60%)
- Green (84%)
- Blue (81%)



- Red (60%)
- Yellow (73%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)




- Cyan (40%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2735, 0.2750, 0.3378 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 59.2735, 0.2750, 0.3378 by changing the saturation by 10% instead.

 59.2735, 0.2750,
0.3378

 59.2735, 0.2750,
0.3378


421.9147, 0.2930,
0.3338

 42.8333, 0.2708,
0.3387


 103.7751, 0.2813,
0.3364

 29.7544, 0.2655,
0.3398


 132.6052, 0.2838,
0.3359

 19.6522, 0.2586,
0.3413


166.3342, 0.2859,
0.3354

 12.1425, 0.2495,
0.3431

205.3464, 0.2877,
0.3350

 6.8408, 0.2368,
0.3455

250.0261, 0.2892,
0.3346

 3.3627, 0.2177,
0.3489

300.7578, 0.2906,

 1.3239, 0.1842,

0.3343

357.9259, 0.2919,
0.3340

0.3544

0.1596, 0.0000,
0.2976

0.0000, 0.0000,
0.0000

59.2735, 0.2750,
0.3378

59.2735, 0.2750,
0.3378

57.2775, 0.2641,
0.3413

61.6487, 0.2872,
0.3345

55.6333, 0.2546,
0.3450


64.4143, 0.3003,
0.3315

54.3215, 0.2469,
0.3488


67.5901, 0.3141,
0.3287

53.3175, 0.2410,
0.3527

71.1924, 0.3283,
0.3262

 52.5938, 0.2371,
0.3566


 74.4766, 0.3397,
0.3240

 52.1176, 0.2351,
0.3605


 74.6046, 0.3379,
0.3215

 51.8363, 0.2347,
0.3644

 74.7344, 0.3362,
0.3191

 51.8118, 0.2347,
0.3647

 74.8660, 0.3345,
0.3167

 74.9995, 0.3327,
0.3143

Harmonies

Analogous

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



59.2735, 0.2978, 0.3620



59.2735, 0.2750, 0.3378



59.2735, 0.2624, 0.3121

Triad

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



59.2735, 0.2750, 0.3378



59.2735, 0.2984, 0.2863



59.2735, 0.3653, 0.3631

Complementary

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



59.2735, 0.2750, 0.3378



39.2429, 0.3693, 0.3206

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.



59.2735, 0.3659, 0.3421



59.2735, 0.2750, 0.3378



59.2735, 0.3262, 0.2990

Square

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



59.2735, 0.2750, 0.3378



59.2735, 0.2754, 0.2838



59.2735, 0.3513, 0.3190



59.2735, 0.3502, 0.3762

Rectangle

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



59.2735, 0.2750, 0.3378



59.2735, 0.2610, 0.2981



59.2735, 0.3513, 0.3190



59.2735, 0.3672, 0.3567

Sweetspot

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



59.2759, 0.2750, 0.3378



95.7388, 0.3002, 0.3315



57.7554, 0.3139, 0.4116



20.3548, 0.2982, 0.3320



0.0000, 0.0000, 0.0000



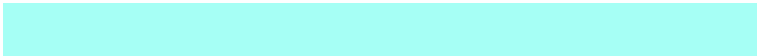
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2759, 0.2750, 0.3378



86.1893, 0.2679, 0.3400



48.4514, 0.2677, 0.2978



14.0827, 0.2998, 0.3316



31.3233, 0.2345, 0.3642



1.8963, 0.2326, 0.3575

Inverse Universe

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



39.2429, 0.3693, 0.3206



51.5684, 0.3871, 0.3186



47.5147, 0.3684, 0.3581



12.4433, 0.3274, 0.3264



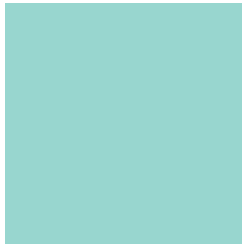
8.6889, 0.6256, 0.3220



0.5319, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 59.2735, 0.2750, 0.3378 looks on a white background.

Color Contrast Check

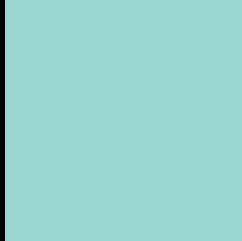
Large Text (above 18pt) WCAG AA × Fail

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 59.2735, 0.2750, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

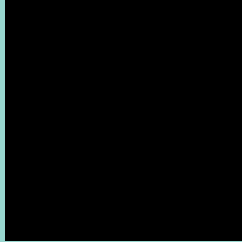
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

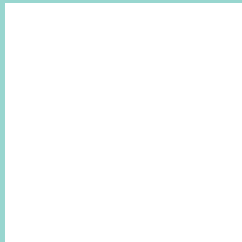
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2735, 0.2750, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 59.2735, 0.2750, 0.3378.

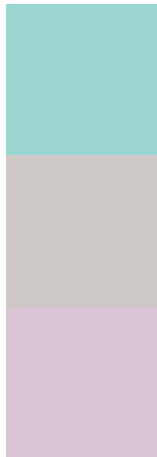


This preview shows how white text looks on a background with the Yxy color 59.2735, 0.2750, 0.3378.

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

59.2735, 0.2750, 0.3378

Protanopia

59.0186, 0.3181, 0.3314

Deuteranopia

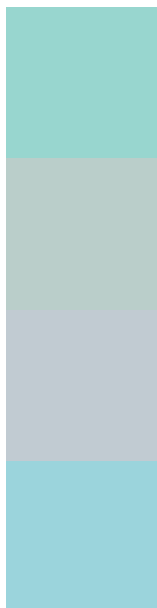
58.9347, 0.3183, 0.3120



Tritanopia

59.3581, 0.2657, 0.3080

Trichromacy



Original Color

59.2735, 0.2750, 0.3378

Protanomaly

58.8460, 0.3006, 0.3338

Deuteranomaly

58.7025, 0.3003, 0.3206

Tritanomaly

59.2228, 0.2691, 0.3189

Monochromacy



Original Color

59.2735, 0.2750, 0.3378

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.9483, 0.2974, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2735, 0.2750, 0.3378 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(152, 214, 207)` looks like.

```
.text, #text, p{  
    color:rgb(152, 214, 207)  
}
```

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(152, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 214, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.2735, 0.2750, 0.3378 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(152, 214, 207) }
```

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

```
.border{ border-color:rgb(152, 214, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 214, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(152, 214,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2735, 0.2750, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 214, 207) }
```

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

```
.background{ background-color: rgb(152,  
214, 207) }
```

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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