

Converting Colors

$Yxy(57.8781, 0.2696, 0.3344)$

Have a look what the booklet for
Yxy(57.8781, 0.2696, 0.3344)
contains.

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Color

Yxy(58.0719, 0.2696, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	90D5D0
RGB	144, 213, 208
RGB Percent	56%, 84%, 82%
CMY	0.4349, 0.1648, 0.1843
CMYK	0.32, 0.00, 0.02, 0.16
HSL	176°, 45%, 70%
HSV	176°, 32%, 84%
XYZ	46.6931, 58.0719, 68.4289
YIQ	191.7990, -39.5190, -16.1830

Conversions

Conversions Part 2

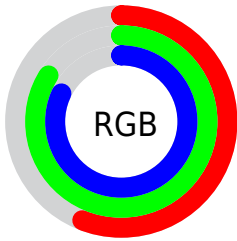
Format	Color
RYB	144, 180, 213
Decimal	9491920
CIELab	80.78, -22.62, -4.45
CIELCh	81, 23.059, 191.134
Yxy	58.0719, 0.2696, 0.3353
Android (android.graphics.Color)	4287682000 (0xFF90D5D0)
YUV	191.7990, 7.9871, -41.9197
Hunter-Lab	76.2049, -23.9863, 0.1035

Details

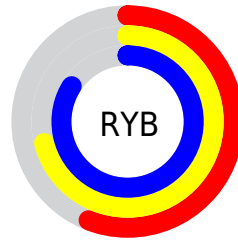
The Yxy color **58.0719, 0.2696, 0.3353** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2895, 0.3814, 0.3230**, and the grayscale version is **52.5707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **28.9605, 0.2584, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **56.2571, 0.2588, 0.3375**, and if you desaturate by 10%, it is **60.2540, 0.2818, 0.3332**.

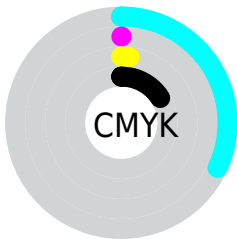
Distribution



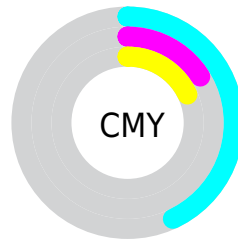
- Red (56%)
- Green (84%)
- Blue (82%)



- Red (56%)
- Yellow (71%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (43%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0719, 0.2696, 0.3353 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 58.0719, 0.2696, 0.3353 by changing the saturation by 10% instead.

 58.0719, 0.2696,
0.3353

 58.0719, 0.2696,
0.3353

417.4538, 0.2902,
0.3325

 41.8665, 0.2648,
0.3359

 102.0276, 0.2769,
0.3344

 28.9967, 0.2587,
0.3366


 130.5466, 0.2796,
0.3340

 19.0784, 0.2509,
0.3374


163.9389, 0.2820,
0.3337

 11.7269, 0.2405,
0.3384

202.5889, 0.2841,
0.3334

 6.5580, 0.2259,
0.3396

246.8810, 0.2859,
0.3331

 3.1873, 0.2041,
0.3409

297.1996, 0.2875,

 1.2303, 0.1626,

0.3329

353.9290, 0.2889,
0.3327

0.3439

0.0862, 0.0000,
0.1754

0.0000, 0.0000,
0.0000

58.0719, 0.2696,
0.3353

58.0719, 0.2696,
0.3353

56.2571, 0.2588,
0.3375

60.2540, 0.2818,
0.3332

54.7821, 0.2496,
0.3399

62.8151, 0.2952,
0.3312

53.6269, 0.2422,
0.3423

65.7752, 0.3093,
0.3294

52.7665, 0.2367,
0.3447

69.1505, 0.3240,
0.3278

■ 52.1719, 0.2332,
0.3472

■ 72.9566, 0.3389,
0.3263

■ 51.8085, 0.2314,
0.3496

■ 73.8647, 0.3411,
0.3248

■ 51.6413, 0.2310,
0.3514

■ 73.9453, 0.3400,
0.3232

■ 74.0266, 0.3389,
0.3217

■ 74.1086, 0.3378,
0.3201

Harmonies

Analogous

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



58.0719, 0.2933, 0.3625



58.0719, 0.2696, 0.3353



58.0719, 0.2574, 0.3077

Triad

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



58.0719, 0.2696, 0.3353



58.0719, 0.3003, 0.2838



58.0719, 0.3689, 0.3680

Complementary

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



58.0719, 0.2696, 0.3353



36.2895, 0.3814, 0.3230

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.



58.0719, 0.3714, 0.3458



58.0719, 0.2696, 0.3353



58.0719, 0.3307, 0.2986

Square

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



58.0719, 0.2696, 0.3353



58.0719, 0.2744, 0.2797



58.0719, 0.3572, 0.3208



58.0719, 0.3508, 0.3812

Rectangle

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



58.0719, 0.2696, 0.3353



58.0719, 0.2570, 0.2932



58.0719, 0.3572, 0.3208



58.0719, 0.3716, 0.3613

Sweetspot

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



58.0742, 0.2696, 0.3353



95.3623, 0.2983, 0.3308



56.0666, 0.3123, 0.4231



20.2827, 0.2963, 0.3311



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.



58.0742, 0.2696, 0.3353



85.3091, 0.2618, 0.3369



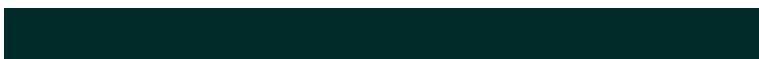
45.1380, 0.2621, 0.2905



14.0917, 0.2992, 0.3307



31.5554, 0.2309, 0.3511



1.9080, 0.2297, 0.3469

Inverse Universe

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



36.2895, 0.3814, 0.3230



47.5210, 0.4038, 0.3217



45.9697, 0.3756, 0.3644



12.4352, 0.3280, 0.3274



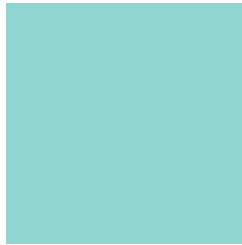
8.6685, 0.6317, 0.3253



0.5281, 0.6070, 0.3117

Previews

White Background



This preview shows how the Yxy color 58.0719, 0.2696, 0.3353 looks on a white background.

Color Contrast Check

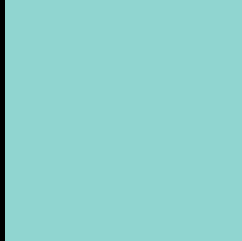
Large Text (above 18pt) WCAG AA × Fail

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 58.0719, 0.2696, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

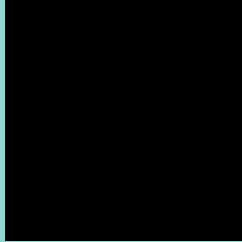
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

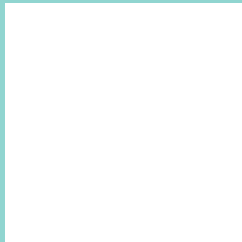
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0719, 0.2696, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 58.0719, 0.2696, 0.3353.

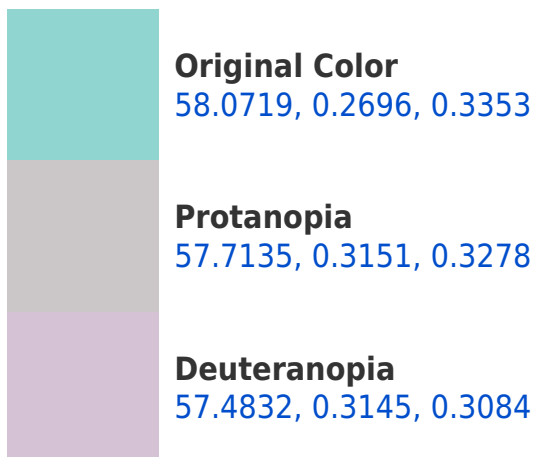


This preview shows how white text looks on a background with the Yxy color 58.0719, 0.2696, 0.3353.

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





Tritanopia

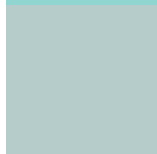
58.0288, 0.2614, 0.3077

Trichromacy



Original Color

58.0719, 0.2696, 0.3353



Protanomaly

57.4426, 0.2970, 0.3302



Deuteranomaly

57.1678, 0.2959, 0.3169



Tritanomaly

57.9589, 0.2643, 0.3175

Monochromacy



Original Color

58.0719, 0.2696, 0.3353



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.4997, 0.2951, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0719, 0.2696, 0.3353 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(144, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(144, 213, 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(144, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 213, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.0719, 0.2696, 0.3353 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(144, 213, 208) }
```

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

```
.border{ border-color:rgb(144, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(144, 213,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0719, 0.2696, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 213, 208) }
```

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

```
.background{ background-color: rgb(144,  
213, 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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