

Converting Colors

Yxy(57.9468, 0.2686, 0.3593)

Have a look what the booklet for
Yxy(57.9468, 0.2686, 0.3593)
contains.

Yxy(58.0328, 0.2685, 0.3598)	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(58.0328, 0.2685, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	7FD9C2
RGB	127, 217, 194
RGB Percent	50%, 85%, 76%
CMY	0.5018, 0.1490, 0.2392
CMYK	0.41, 0.00, 0.11, 0.15
HSL	165°, 54%, 67%
HSV	165°, 41%, 85%
XYZ	43.3069, 58.0328, 59.9522
YIQ	187.4680, -46.2570, -26.2330

Conversions

Conversions Part 2

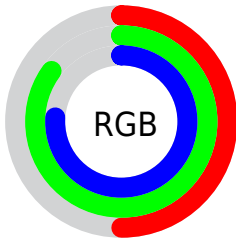
Format	Color
RYB	127, 179, 217
Decimal	8378818
CIELab	80.76, -32.31, 2.90
CIElCh	81, 32.438, 174.875
Yxy	58.0328, 0.2685, 0.3598
Android (android.graphics.Color)	4286568898 (0xFF7FD9C2)
YUV	187.4680, 3.2203, -53.0304
Hunter-Lab	76.1793, -31.8389, 6.6650

Details

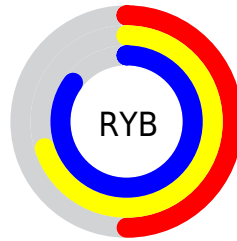
The Yxy color **58.0328, 0.2685, 0.3598** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.1460, 0.3908, 0.3011**, and the grayscale version is **49.9798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4894, 0.2740, 0.3343**, and **29.0737, 0.2574, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **56.2991, 0.2607, 0.3687**, and if you desaturate by 10%, it is **60.1393, 0.2777, 0.3514**.

Distribution



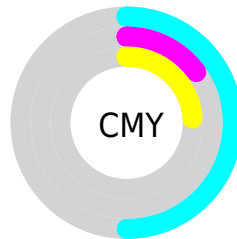
- Red (50%)
- Green (85%)
- Blue (76%)



- Red (50%)
- Yellow (70%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)





- Cyan (50%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0328, 0.2685, 0.3598 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 58.0328, 0.2685, 0.3598 by changing the saturation by 10% instead.


 58.0328, 0.2685,
0.3598

 58.0328, 0.2685,
0.3598

417.3081, 0.2898,
0.3448


 41.8350, 0.2634,
0.3634


 101.9706, 0.2761,
0.3544

 28.9721, 0.2570,
0.3680


 130.4795, 0.2790,
0.3524

 19.0597, 0.2487,
0.3740


 163.8608, 0.2814,
0.3507

 11.7135, 0.2375,
0.3822

202.4989, 0.2836,
0.3492

 6.5489, 0.2217,
0.3940

246.7783, 0.2854,
0.3479

 3.1816, 0.1977,
0.4122

297.0834, 0.2871,

 1.2273, 0.1285,

0.3467

0.4596

353.7986, 0.2885,
0.3457

■ 0.0838, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0328, 0.2685,
0.3598

■ 58.0328, 0.2685,
0.3598

■ 56.2991, 0.2607,
0.3687

■ 60.1393, 0.2777,
0.3514

■ 54.9078, 0.2545,
0.3780


■ 62.6329, 0.2881,
0.3436

■ 53.8352, 0.2502,
0.3875


■ 65.5356, 0.2993,
0.3364

■ 53.0515, 0.2479,
0.3971

■ 68.8656, 0.3110,
0.3299


 52.5208, 0.2476,
0.4067


 72.6402, 0.3230,
0.3240

 52.2156, 0.2486,
0.4148

 76.4470, 0.3334,
0.3188

 76.7590, 0.3295,
0.3133

 77.0809, 0.3257,
0.3078

 77.4130, 0.3219,
0.3025

Harmonies

Analogous

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



58.0328, 0.3069, 0.3932



58.0328, 0.2685, 0.3598



58.0328, 0.2429, 0.3183

Triad

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



58.0328, 0.2685, 0.3598



58.0328, 0.2741, 0.2618



58.0328, 0.3968, 0.3661

Complementary

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



58.0328, 0.2685, 0.3598



32.1460, 0.3908, 0.3011

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.



58.0328, 0.3876, 0.3323



58.0328, 0.2685, 0.3598



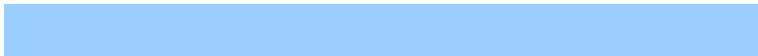
58.0328, 0.3142, 0.2747

Square

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



58.0328, 0.2685, 0.3598



58.0328, 0.2461, 0.2644



58.0328, 0.3564, 0.2998



58.0328, 0.3819, 0.3935

Rectangle

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



58.0328, 0.2685, 0.3598



58.0328, 0.2356, 0.2939



58.0328, 0.3564, 0.2998



58.0328, 0.3965, 0.3551

Sweetspot

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



58.0351, 0.2685, 0.3598



94.1574, 0.2985, 0.3369



57.7409, 0.3230, 0.4504



20.0292, 0.2970, 0.3378



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.



58.0351, 0.2685, 0.3598



81.3654, 0.2614, 0.3678



49.0095, 0.2517, 0.3007



14.7697, 0.3016, 0.3350



31.6271, 0.2482, 0.4134



2.0626, 0.2439, 0.3979

Inverse Universe

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



32.1460, 0.3908, 0.3011



39.1101, 0.4176, 0.2956



37.4759, 0.4077, 0.3550



13.1059, 0.3252, 0.3230



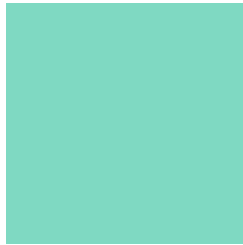
9.1144, 0.5901, 0.3024



0.6044, 0.5432, 0.2766

Previews

White Background



This preview shows how the Yxy color 58.0328, 0.2685, 0.3598 looks on a white background.

Color Contrast Check

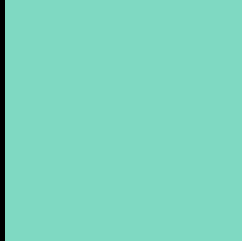
Large Text (above 18pt) WCAG AA × Fail

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 58.0328, 0.2685, 0.3598 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

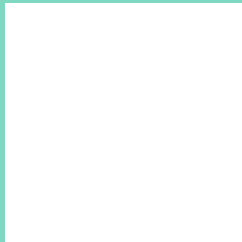
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0328, 0.2685, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 58.0328, 0.2685, 0.3598.

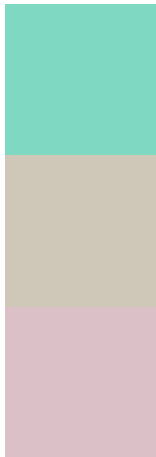


This preview shows how white text looks on a background with the Yxy color 58.0328, 0.2685, 0.3598.

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

58.0328, 0.2685, 0.3598

Protanopia

57.5729, 0.3303, 0.3469

Deuteranopia

57.3235, 0.3293, 0.3222



Tritanopia

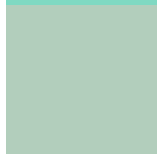
57.9783, 0.2536, 0.3074

Trichromacy



Original Color

58.0328, 0.2685, 0.3598



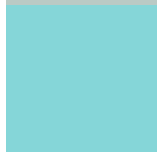
Protanomaly

57.2384, 0.3042, 0.3517



Deuteranomaly

56.7114, 0.3040, 0.3351



Tritanomaly

58.0375, 0.2592, 0.3263

Monochromacy



Original Color

58.0328, 0.2685, 0.3598



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.1052, 0.2932, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0328, 0.2685, 0.3598 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(127, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(127, 217, 194)  
}
```

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(127, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 217, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.0328, 0.2685, 0.3598 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(127, 217, 194) }
```

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

```
.border{ border-color:rgb(127, 217, 194) }
```

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

Here you see how a box with a 4 pixel rgb(127, 217, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(127, 217,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0328, 0.2685, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 217, 194) }
```

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

```
.background{ background-color: rgb(127,  
217, 194) }
```

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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