

Converting Colors

$Yxy(58.9058, 0.2735, 0.3517)$

Have a look what the booklet for
Yxy(58.9058, 0.2735, 0.3517)
contains.

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Color

Yxy(58.8980, 0.2733, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	8DD8C7
RGB	141, 216, 199
RGB Percent	55%, 85%, 78%
CMY	0.4472, 0.1529, 0.2195
CMYK	0.35, 0.00, 0.08, 0.15
HSL	166°, 49%, 70%
HSV	166°, 35%, 85%
XYZ	45.8468, 58.8980, 63.0079
YIQ	191.6370, -39.2430, -21.1870

Conversions

Conversions Part 2

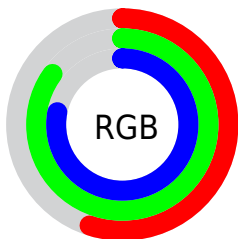
Format	Color
RYB	141, 183, 216
Decimal	9296071
CIELab	81.24, -26.99, 0.98
CIELCh	81, 27.009, 177.913
Yxy	58.8980, 0.2733, 0.3511
Android (android.graphics.Color)	4287486151 (0xFF8DD8C7)
YUV	191.6370, 3.6300, -44.4086
Hunter-Lab	76.7450, -27.6694, 5.0442

Details

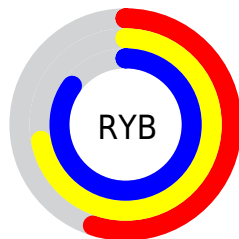
The Yxy color **58.8980, 0.2733, 0.3511** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1031, 0.3759, 0.3084**, and the grayscale version is **52.4823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **29.5603, 0.2635, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **56.9653, 0.2642, 0.3586**, and if you desaturate by 10%, it is **61.2120, 0.2836, 0.3441**.

Distribution



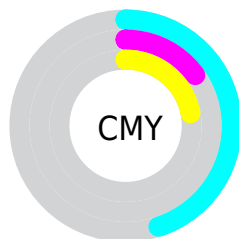
- Red (55%)
- Green (85%)
- Blue (78%)



- Red (55%)
- Yellow (72%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)




- Cyan (45%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8980, 0.2733, 0.3511 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 58.8980, 0.2733, 0.3511 by changing the saturation by 10% instead.


 58.8980, 0.2733,
0.3511


 58.8980, 0.2733,
0.3511

420.5238, 0.2922,
0.3405

 42.5310, 0.2688,
0.3536


 103.2294, 0.2800,
0.3473

 29.5173, 0.2632,
0.3568


 131.9626, 0.2826,
0.3459

 19.4725, 0.2559,
0.3610


165.5867, 0.2848,
0.3446

 12.0122, 0.2461,
0.3666

204.4860, 0.2866,
0.3436

 6.7520, 0.2323,
0.3745

249.0450, 0.2883,
0.3427

 3.3075, 0.2115,
0.3866

299.6480, 0.2898,

 1.2943, 0.1667,

0.3418

0.4122

356.6795, 0.2911,
0.3411

0.1368, 0.0000,
0.6305

0.0000, 0.0000,
0.0000

58.8980, 0.2733,
0.3511

58.8980, 0.2733,
0.3511

56.9653, 0.2642,
0.3586

61.2120, 0.2836,
0.3441

55.3851, 0.2567,
0.3665


63.9199, 0.2949,
0.3376

54.1359, 0.2509,
0.3747

67.0427, 0.3069,
0.3316

53.1909, 0.2470,
0.3830

70.5977, 0.3192,
0.3263

 52.5189, 0.2451,
0.3914


 74.6011, 0.3318,
0.3215


 52.0820, 0.2451,
0.3998

 75.9966, 0.3328,
0.3167

 51.9124, 0.2456,
0.4041

 76.2723, 0.3293,
0.3119

 76.5557, 0.3259,
0.3071

 76.8469, 0.3226,
0.3024

Harmonies

Analogous

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



58.8980, 0.3047, 0.3794



58.8980, 0.2733, 0.3511



58.8980, 0.2530, 0.3173

Triad

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



58.8980, 0.2733, 0.3511



58.8980, 0.2837, 0.2731



58.8980, 0.3820, 0.3633

Complementary

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



58.8980, 0.2733, 0.3511



36.1031, 0.3759, 0.3084

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.



58.8980, 0.3762, 0.3352



58.8980, 0.2733, 0.3511



58.8980, 0.3178, 0.2851

Square

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



58.8980, 0.2733, 0.3511



58.8980, 0.2587, 0.2741



58.8980, 0.3522, 0.3073



58.8980, 0.3681, 0.3846

Rectangle

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



58.8980, 0.2733, 0.3511



58.8980, 0.2477, 0.2976



58.8980, 0.3522, 0.3073



58.8980, 0.3823, 0.3543

Sweetspot

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



58.9004, 0.2733, 0.3511



95.1146, 0.3004, 0.3347



58.3546, 0.3201, 0.4289



20.2224, 0.2987, 0.3356



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.



58.9004, 0.2733, 0.3511



83.5640, 0.2662, 0.3568



50.0946, 0.2604, 0.3025



14.0576, 0.3012, 0.3343



30.7412, 0.2452, 0.4028



1.8662, 0.2413, 0.3885

Inverse Universe

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



36.1031, 0.3759, 0.3084



45.3914, 0.3968, 0.3038



42.0013, 0.3863, 0.3537



12.4663, 0.3256, 0.3237



8.7851, 0.5989, 0.3073



0.5427, 0.5495, 0.2801

Previews

White Background



This preview shows how the Yxy color 58.8980, 0.2733, 0.3511 looks on a white background.

Color Contrast Check

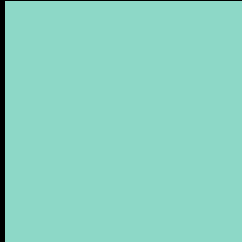
Large Text (above 18pt) WCAG AA × Fail

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 58.8980, 0.2733, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

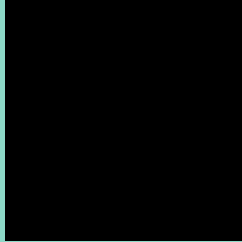
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

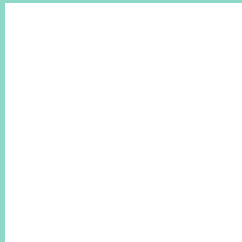
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8980, 0.2733, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 58.8980, 0.2733, 0.3511.

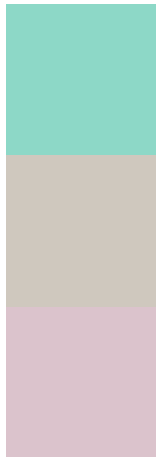


This preview shows how white text looks on a background with the Yxy color 58.8980, 0.2733, 0.3511.

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

58.8980, 0.2733, 0.3511

Protanopia

58.2917, 0.3256, 0.3409

Deuteranopia

58.4499, 0.3252, 0.3188



Tritanopia

59.0400, 0.2601, 0.3078

Trichromacy



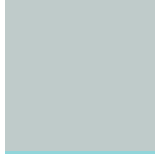
Original Color

58.8980, 0.2733, 0.3511



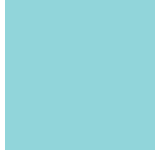
Protanomaly

58.0601, 0.3045, 0.3451



Deuteranomaly

58.0525, 0.3043, 0.3302



Tritanomaly

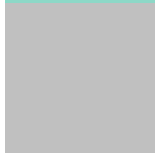
58.6702, 0.2646, 0.3225

Monochromacy



Original Color

58.8980, 0.2733, 0.3511



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.5977, 0.2957, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8980, 0.2733, 0.3511 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(141, 216, 199)` looks like.

```
.text, #text, p{  
    color:rgb(141, 216, 199)  
}
```

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(141, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 216, 199) }
```

Border

The CSS property to change the border of an element to Yxy 58.8980, 0.2733, 0.3511 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(141, 216, 199) }
```

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

```
.border{ border-color:rgb(141, 216, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 216, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 216,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8980, 0.2733, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 216, 199) }
```

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

```
.background{ background-color: rgb(141,  
216, 199) }
```

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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