

Converting Colors

$Yxy(58.6056, 0.2749, 0.3538)$

Have a look what the booklet for
Yxy(58.6056, 0.2749, 0.3538)
contains.

Yxy(58.8057, 0.2745, 0.3538)	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(58.8057, 0.2745, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	8DD8C5
RGB	141, 216, 197
RGB Percent	55%, 85%, 77%
CMY	0.4469, 0.1530, 0.2274
CMYK	0.35, 0.00, 0.09, 0.15
HSL	165°, 49%, 70%
HSV	165°, 35%, 85%
XYZ	45.6251, 58.8057, 61.7809
YIQ	191.4090, -38.6010, -21.8090

Conversions

Conversions Part 2

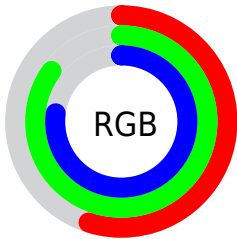
Format	Color
RYB	141, 184, 216
Decimal	9296069
CIELab	81.18, -27.41, 1.98
CIELCh	81, 27.477, 175.858
Yxy	58.8057, 0.2745, 0.3538
Android (android.graphics.Color)	4287486149 (0xFF8DD8C5)
YUV	191.4090, 2.7564, -44.2087
Hunter-Lab	76.6849, -27.9966, 5.9126

Details

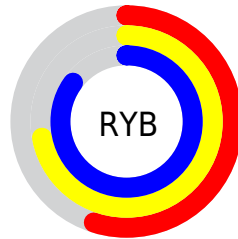
The Yxy color **58.8057, 0.2745, 0.3538** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1989, 0.3735, 0.3059**, and the grayscale version is **52.3574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5461, 0.2794, 0.3300**, and **29.4991, 0.2649, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **56.8488, 0.2657, 0.3623**, and if you desaturate by 10%, it is **61.1457, 0.2846, 0.3459**.

Distribution



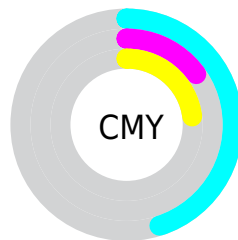
- Red (55%)
- Green (85%)
- Blue (77%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8057, 0.2745, 0.3538 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 58.8057, 0.2745, 0.3538 by changing the saturation by 10% instead.


 58.8057, 0.2745,
0.3538

 58.8057, 0.2745,
0.3538

420.1815, 0.2929,
0.3418

 42.4567, 0.2701,
0.3567

 103.0952, 0.2810,
0.3495

 29.4591, 0.2646,
0.3603


 131.8046, 0.2835,
0.3479

 19.4284, 0.2575,
0.3651


165.4028, 0.2856,
0.3465

 11.9802, 0.2479,
0.3715

204.2743, 0.2875,
0.3453

 6.7302, 0.2344,
0.3807

248.8036, 0.2891,
0.3443

 3.2940, 0.2138,
0.3949

299.3749, 0.2905,

 1.2871, 0.1679,

0.3433

0.4254

356.3728, 0.2918,
0.3425

0.1312, 0.0000,
0.9701

0.0000, 0.0000,
0.0000

58.8057, 0.2745,
0.3538

58.8057, 0.2745,
0.3538

56.8488, 0.2657,
0.3623

61.1457, 0.2846,
0.3459

55.2462, 0.2583,
0.3712


63.8816, 0.2955,
0.3386


53.9765, 0.2527,
0.3805


67.0342, 0.3071,
0.3319


53.0127, 0.2491,
0.3899


70.6209, 0.3191,
0.3259


 52.3238, 0.2474,
0.3994


 74.6579, 0.3312,
0.3205

 51.8718, 0.2476,
0.4089

 76.0731, 0.3317,
0.3152

 51.6939, 0.2483,
0.4138

 76.3849, 0.3279,
0.3098

 76.7064, 0.3241,
0.3045

 77.0377, 0.3204,
0.2993

Harmonies

Analogous

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



58.8057, 0.3070, 0.3818



58.8057, 0.2745, 0.3538



58.8057, 0.2529, 0.3193

Triad

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



58.8057, 0.2745, 0.3538



58.8057, 0.2811, 0.2717



58.8057, 0.3835, 0.3620

Complementary

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



58.8057, 0.2745, 0.3538



36.1989, 0.3735, 0.3059

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.



58.8057, 0.3762, 0.3333



58.8057, 0.2745, 0.3538



58.8057, 0.3154, 0.2831

Square

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



58.8057, 0.2745, 0.3538



58.8057, 0.2566, 0.2738



58.8057, 0.3507, 0.3051



58.8057, 0.3706, 0.3844

Rectangle

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



58.8057, 0.2745, 0.3538



58.8057, 0.2469, 0.2988



58.8057, 0.3507, 0.3051



58.8057, 0.3834, 0.3528

Sweetspot

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



58.8081, 0.2745, 0.3538



95.0716, 0.3008, 0.3354



58.6140, 0.3219, 0.4282



20.2119, 0.2992, 0.3364



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.



58.8081, 0.2745, 0.3538



83.4018, 0.2676, 0.3603



51.2441, 0.2609, 0.3060



14.0517, 0.3016, 0.3350



30.6172, 0.2479, 0.4124



1.8597, 0.2434, 0.3961

Inverse Universe

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



36.1989, 0.3735, 0.3059



45.5041, 0.3937, 0.3008



41.1578, 0.3872, 0.3507



12.4719, 0.3252, 0.3231



8.8174, 0.5906, 0.3027



0.5453, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 58.8057, 0.2745, 0.3538 looks on a white background.

Color Contrast Check

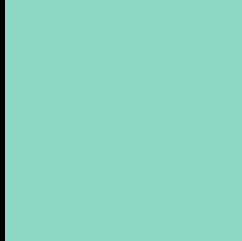
Large Text (above 18pt) WCAG AA × Fail

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 58.8057, 0.2745, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

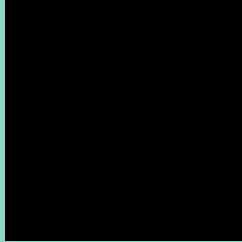
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

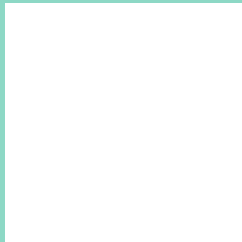
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8057, 0.2745, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 58.8057, 0.2745, 0.3538.



This preview shows how white text looks on a background with the Yxy color 58.8057, 0.2745, 0.3538.

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

58.8057, 0.2745, 0.3538

Protanopia

58.2048, 0.3271, 0.3433

Deuteranopia

58.0635, 0.3277, 0.3199



Tritanopia

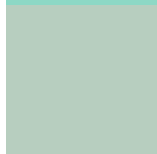
58.4859, 0.2605, 0.3077

Trichromacy



Original Color

58.8057, 0.2745, 0.3538



Protanomaly

57.9715, 0.3058, 0.3476



Deuteranomaly

57.4876, 0.3057, 0.3314



Tritanomaly

58.6180, 0.2651, 0.3238

Monochromacy



Original Color

58.8057, 0.2745, 0.3538



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.0430, 0.2971, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8057, 0.2745, 0.3538 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(141, 216, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 216, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.8057, 0.2745, 0.3538 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, 197) }
```

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

```
.border{ border-color:rgb(141, 216, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(141, 216,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8057, 0.2745, 0.3538 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, 197) }
```

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

```
.background{ background-color: rgb(141,  
216, 197) }
```

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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