

Converting Colors

$Yxy(58.2120, 0.2690, 0.3377)$

Have a look what the booklet for
Yxy(58.2120, 0.2690, 0.3377)
contains.

Yxy(58.3489, 0.2691, 0.3379)	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(58.3489, 0.2691, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	8ED6CF
RGB	142, 214, 207
RGB Percent	56%, 84%, 81%
CMY	0.4431, 0.1608, 0.1881
CMYK	0.34, 0.00, 0.03, 0.16
HSL	174°, 47%, 70%
HSV	174°, 34%, 84%
XYZ	46.4684, 58.3489, 67.8636
YIQ	191.6740, -40.6650, -17.4410

Conversions

Conversions Part 2

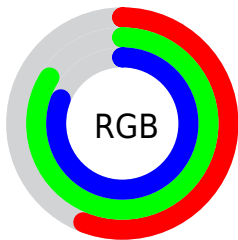
Format	Color
RYB	142, 180, 214
Decimal	9361103
CIELab	80.93, -23.92, -3.71
CIELCh	81, 24.207, 188.828
Yxy	58.3489, 0.2691, 0.3379
Android (android.graphics.Color)	4287551183 (0xFF8ED6CF)
YUV	191.6740, 7.5557, -43.5641
Hunter-Lab	76.3865, -25.0887, 0.7958

Details

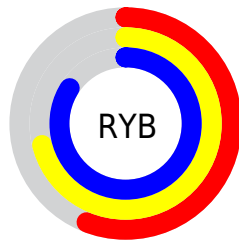
The Yxy color **58.3489, 0.2691, 0.3379** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8151, 0.3833, 0.3206**, and the grayscale version is **52.4888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **29.1709, 0.2580, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **56.5357, 0.2587, 0.3410**, and if you desaturate by 10%, it is **60.5315, 0.2809, 0.3350**.

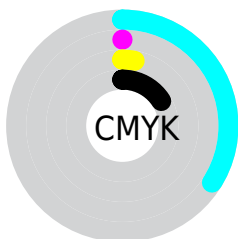
Distribution



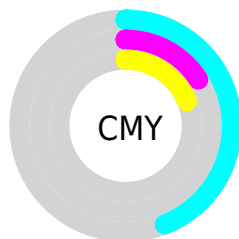
- Red (56%)
- Green (84%)
- Blue (81%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3489, 0.2691, 0.3379 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 58.3489, 0.2691, 0.3379 by changing the saturation by 10% instead.


 58.3489, 0.2691,
0.3379


 58.3489, 0.2691,
0.3379


418.4848, 0.2899,
0.3339

 42.0892, 0.2642,
0.3388


 102.4308, 0.2764,
0.3365

 29.1712, 0.2581,
0.3399


 131.0217, 0.2793,
0.3360

 19.2103, 0.2502,
0.3412


164.4919, 0.2817,
0.3355

 11.8224, 0.2396,
0.3429

203.2257, 0.2838,
0.3351

 6.6228, 0.2249,
0.3451

247.6075, 0.2856,
0.3347

 3.2274, 0.2029,
0.3480

298.0216, 0.2872,

 1.2516, 0.1602,

0.3344

354.8526, 0.2886,
0.3341

0.3541

0.1032, 0.0000,
0.2172

0.0000, 0.0000,
0.0000

58.3489, 0.2691,
0.3379

58.3489, 0.2691,
0.3379

56.5357, 0.2587,
0.3410

60.5315, 0.2809,
0.3350

55.0639, 0.2499,
0.3442

63.0957, 0.2938,
0.3323

53.9130, 0.2429,
0.3474

66.0616, 0.3076,
0.3298

53.0572, 0.2379,
0.3508

69.4461, 0.3218,
0.3276

■ 52.4666, 0.2347,
0.3541

■ 73.2648, 0.3364,
0.3256

■ 52.1053, 0.2334,
0.3574

■ 74.4916, 0.3394,
0.3236

■ 51.9558, 0.2332,
0.3595

■ 74.6017, 0.3379,
0.3215

■ 74.7132, 0.3364,
0.3194

■ 74.8260, 0.3349,
0.3173

Harmonies

Analogous

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



58.3489, 0.2946, 0.3661



58.3489, 0.2691, 0.3379



58.3489, 0.2553, 0.3086

Triad

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



58.3489, 0.2691, 0.3379



58.3489, 0.2973, 0.2810



58.3489, 0.3724, 0.3682

Complementary

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



58.3489, 0.2691, 0.3379



35.8151, 0.3833, 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.



58.3489, 0.3737, 0.3444



58.3489, 0.2691, 0.3379



58.3489, 0.3291, 0.2957

Square

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



58.3489, 0.2691, 0.3379



58.3489, 0.2709, 0.2776



58.3489, 0.3576, 0.3184



58.3489, 0.3545, 0.3831

Rectangle

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



58.3489, 0.2691, 0.3379



58.3489, 0.2541, 0.2930



58.3489, 0.3576, 0.3184



58.3489, 0.3748, 0.3609

Sweetspot

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



58.3512, 0.2691, 0.3379



95.3224, 0.2986, 0.3314



56.4557, 0.3130, 0.4273



20.2729, 0.2967, 0.3318



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.



58.3512, 0.2691, 0.3379



84.8926, 0.2619, 0.3400



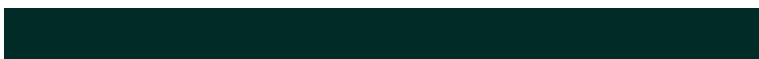
45.3905, 0.2603, 0.2904



14.0862, 0.2995, 0.3312



31.4127, 0.2331, 0.3590



1.9008, 0.2315, 0.3533

Inverse Universe

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



35.8151, 0.3833, 0.3206



46.6823, 0.4046, 0.3189



45.3025, 0.3793, 0.3645



12.4401, 0.3276, 0.3268



8.6801, 0.6282, 0.3234



0.5304, 0.5967, 0.3061

Previews

White Background



This preview shows how the Yxy color 58.3489, 0.2691, 0.3379 looks on a white background.

Color Contrast Check

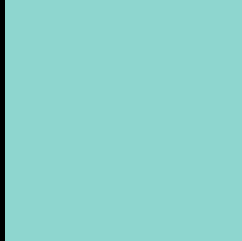
Large Text (above 18pt) WCAG AA × Fail

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 58.3489, 0.2691, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

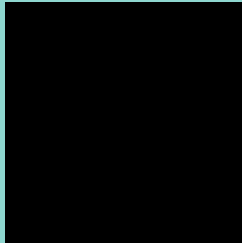
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3489, 0.2691, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 58.3489, 0.2691, 0.3379.

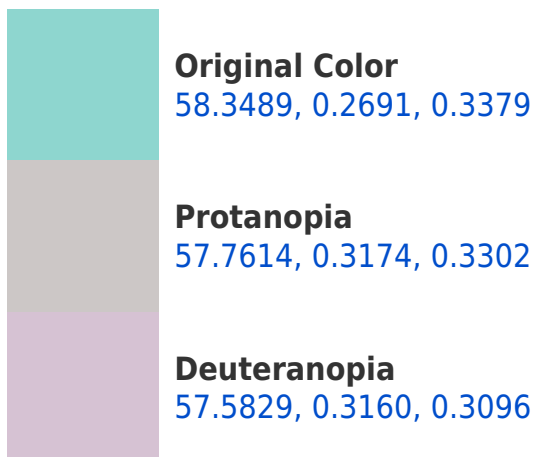


This preview shows how white text looks on a background with the Yxy color 58.3489, 0.2691, 0.3379.

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

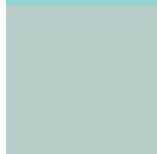
58.3930, 0.2599, 0.3077

Trichromacy



Original Color

58.3489, 0.2691, 0.3379



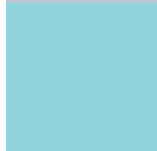
Protanomaly

57.2265, 0.2976, 0.3327



Deuteranomaly

57.1178, 0.2966, 0.3181



Tritanomaly

58.2740, 0.2633, 0.3187

Monochromacy



Original Color

58.3489, 0.2691, 0.3379



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.3384, 0.2951, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3489, 0.2691, 0.3379 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(142, 214, 207)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 214, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.3489, 0.2691, 0.3379 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(142, 214, 207) }
```

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

```
.border{ border-color:rgb(142, 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(142, 214, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(142, 214,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3489, 0.2691, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 214, 207) }
```

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

```
.background{ background-color: rgb(142,  
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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