

Converting Colors

$Yxy(58.0388, 0.2733, 0.3290)$

Have a look what the booklet for
Yxy(58.0388, 0.2733, 0.3290)
contains.

Yxy(58.0640, 0.2730, 0.3289)	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(58.0640, 0.2730, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	99D3D3
RGB	153, 211, 211
RGB Percent	60%, 83%, 83%
CMY	0.3997, 0.1726, 0.1726
CMYK	0.27, 0.00, 0.00, 0.17
HSL	180°, 40%, 71%
HSV	180°, 27%, 83%
XYZ	48.1954, 58.0640, 70.2806
YIQ	193.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

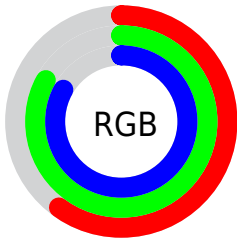
Format	Color
RYB	153, 182, 211
Decimal	10081235
CIELab	80.77, -18.42, -5.99
CIElCh	81, 19.369, 198.020
Yxy	58.0640, 0.2730, 0.3289
Android (android.graphics.Color)	4288271315 (0xFF99D3D3)
YUV	193.6580, 8.5496, -35.6571
Hunter-Lab	76.1997, -20.4504, -1.3446

Details

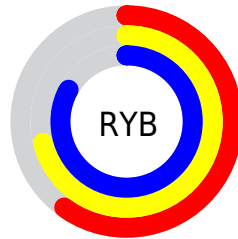
The Yxy color **58.0640, 0.2730, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9541, 0.3720, 0.3292**, and the grayscale version is **53.7078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **28.9206, 0.2628, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **56.1902, 0.2608, 0.3289**, and if you desaturate by 10%, it is **60.3055, 0.2866, 0.3289**.

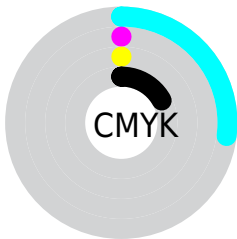
Distribution



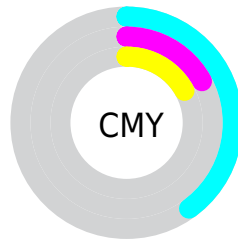
- Red (60%)
- Green (83%)
- Blue (83%)



- Red (60%)
- Yellow (71%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (40%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0640, 0.2730, 0.3289 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 58.0640, 0.2730, 0.3289 by changing the saturation by 10% instead.


 58.0640, 0.2730,
0.3289


 58.0640, 0.2730,
0.3289


417.4244, 0.2919,
0.3292

 41.8601, 0.2685,
0.3288

 102.0161, 0.2797,
0.3291

 28.9918, 0.2630,
0.3285

 130.5330, 0.2822,
0.3291

 19.0746, 0.2558,
0.3282


163.9231, 0.2844,
0.3292

 11.7242, 0.2462,
0.3276

202.5707, 0.2863,
0.3292

 6.5562, 0.2328,
0.3265

246.8602, 0.2880,
0.3292

 3.1861, 0.2128,
0.3243

297.1761, 0.2895,

 1.2297, 0.1779,

0.3292

0.3198

353.9027, 0.2908,
0.3292

0.0857, 0.0000,
0.1434

0.0000, 0.0000,
0.0000

58.0640, 0.2730,
0.3289

58.0640, 0.2730,
0.3289

56.1902, 0.2608,
0.3289

60.3055, 0.2866,
0.3289

54.6580, 0.2502,
0.3289

62.9255, 0.3013,
0.3290

53.4489, 0.2414,
0.3288

65.9428, 0.3167,
0.3290

52.5397, 0.2345,
0.3288

69.3731, 0.3326,
0.3291

■ 51.9043, 0.2296,
0.3288

■ 72.5492, 0.3461,
0.3291

■ 51.5119, 0.2265,
0.3288

■ 72.5494, 0.3461,
0.3291

■ 51.3205, 0.2250,
0.3288

■ 72.5497, 0.3461,
0.3291

■ 51.2857, 0.2247,
0.3288

■ 72.5500, 0.3461,
0.3291

■ 72.5503, 0.3460,
0.3291

Harmonies

Analogous

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



58.0640, 0.2912, 0.3523



58.0640, 0.2730, 0.3289



58.0640, 0.2652, 0.3067

Triad

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



58.0640, 0.2730, 0.3289



58.0640, 0.3082, 0.2928



58.0640, 0.3575, 0.3654

Complementary

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



58.0640, 0.2730, 0.3289



38.9541, 0.3720, 0.3292

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.



58.0640, 0.3627, 0.3481



58.0640, 0.2730, 0.3289



58.0640, 0.3336, 0.3072

Square

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



58.0640, 0.2730, 0.3289



58.0640, 0.2848, 0.2871



58.0640, 0.3539, 0.3270



58.0640, 0.3400, 0.3736

Rectangle

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



58.0640, 0.2730, 0.3289



58.0640, 0.2667, 0.2957



58.0640, 0.3539, 0.3270



58.0640, 0.3607, 0.3604

Sweetspot

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



58.0663, 0.2730, 0.3289



96.3338, 0.3003, 0.3290



55.7607, 0.3097, 0.4075



20.4814, 0.2980, 0.3290



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.



58.0663, 0.2730, 0.3289



87.3797, 0.2656, 0.3289



45.3463, 0.2693, 0.2919



13.4071, 0.2983, 0.3290



30.9529, 0.2247, 0.3288



1.7307, 0.2247, 0.3288

Inverse Universe

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



38.9541, 0.3720, 0.3292



53.2646, 0.3901, 0.3292



49.2238, 0.3629, 0.3634



11.8083, 0.3291, 0.3290



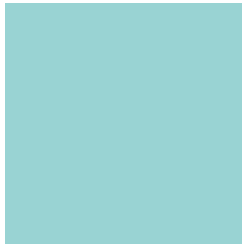
8.3579, 0.6400, 0.3300



0.4673, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 58.0640, 0.2730, 0.3289 looks on a white background.

Color Contrast Check

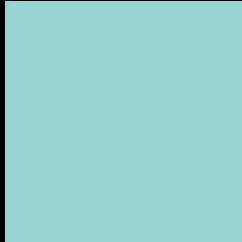
Large Text (above 18pt) WCAG AA × Fail

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 58.0640, 0.2730, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

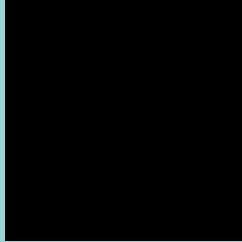
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

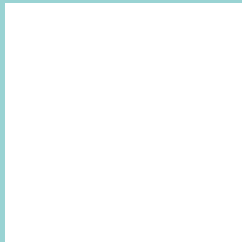
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0640, 0.2730, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 58.0640, 0.2730, 0.3289.



This preview shows how white text looks on a background with the Yxy color 58.0640, 0.2730, 0.3289.

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

58.0640, 0.2730, 0.3289

Protanopia

57.7630, 0.3114, 0.3231

Deuteranopia

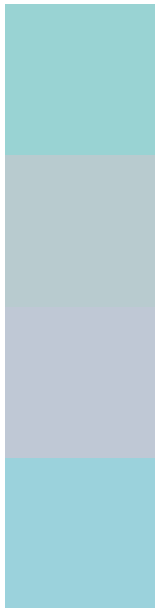
57.5847, 0.3130, 0.3062



Tritanopia

58.1051, 0.2665, 0.3090

Trichromacy



Original Color

58.0640, 0.2730, 0.3289

Protanomaly

57.4072, 0.2957, 0.3241

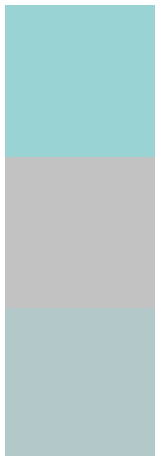
Deuteranomaly

57.1890, 0.2968, 0.3134

Tritanomaly

58.2291, 0.2688, 0.3164

Monochromacy



Original Color

58.0640, 0.2730, 0.3289

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0624, 0.2967, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0640, 0.2730, 0.3289 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(153, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(153, 211, 211)  
}
```

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(153, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 211, 211) }
```

Border

The CSS property to change the border of an element to Yxy 58.0640, 0.2730, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

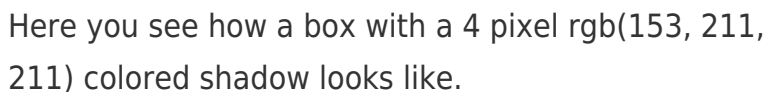
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 211, 211) }
```

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

```
.border{ border-color:rgb(153, 211, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 211, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 211, 211); box-shadow:4px 4px 4px 4px rgb(153, 211, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0640, 0.2730, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 211, 211) }
```

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

```
.background{ background-color: rgb(153,  
211, 211) }
```

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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