

Converting Colors

$Yxy(53.5777, 0.2625, 0.3208)$

Have a look what the booklet for
Yxy(53.5777, 0.2625, 0.3208)
contains.

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Color

Yxy(53.6842, 0.2625, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	89CDD3
RGB	137, 205, 211
RGB Percent	54%, 80%, 83%
CMY	0.4628, 0.1960, 0.1727
CMYK	0.35, 0.03, 0.00, 0.17
HSL	185°, 46%, 68%
HSV	185°, 35%, 83%
XYZ	43.9006, 53.6842, 69.6557
YIQ	185.3520, -42.4540, -12.5500

Conversions

Conversions Part 2

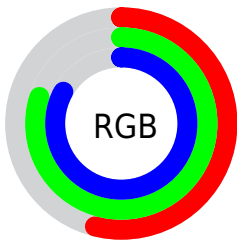
Format	Color
RYB	137, 172, 211
Decimal	9031123
CIELab	78.28, -19.87, -9.78
CIElCh	78, 22.147, 206.216
Yxy	53.6842, 0.2625, 0.3210
Android (android.graphics.Color)	4287221203 (0xFF89CDD3)
YUV	185.3520, 12.6445, -42.4047
Hunter-Lab	73.2695, -21.2704, -5.0770

Details

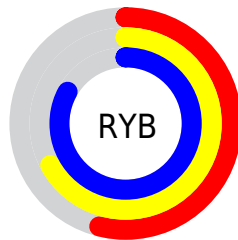
The Yxy color **53.6842, 0.2625, 0.3210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2793, 0.3931, 0.3367**, and the grayscale version is **48.6665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **26.4065, 0.2495, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **51.2657, 0.2507, 0.3184**, and if you desaturate by 10%, it is **56.4643, 0.2756, 0.3235**.

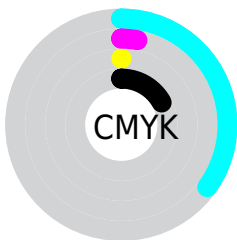
Distribution



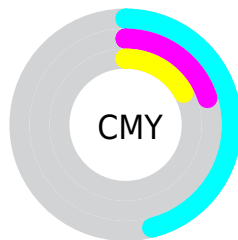
- Red (54%)
- Green (80%)
- Blue (83%)



- Red (54%)
- Yellow (67%)
- Blue (83%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)





- Cyan (46%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6842, 0.2625, 0.3210 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 53.6842, 0.2625, 0.3210 by changing the saturation by 10% instead.

 53.6842, 0.2625,
0.3210


 53.6842, 0.2625,
0.3210


400.9046, 0.2866,
0.3254


 38.3492, 0.2568,
0.3198


 95.6104, 0.2710,
0.3227

 26.2539, 0.2496,
0.3182


 122.9704, 0.2743,
0.3233

 17.0137, 0.2403,
0.3161


 155.1076, 0.2771,
0.3238

 10.2442, 0.2279,
0.3129

192.4064, 0.2795,
0.3242

 5.5612, 0.2105,
0.3080

235.2510, 0.2816,
0.3245

 2.5801, 0.1845,
0.2994

284.0260, 0.2835,

 0.9167, 0.1215,

0.3249

0.2885

339.1158, 0.2851,
0.3251

0.0000, 0.0000,
0.0000

53.6842, 0.2625,
0.3210

53.6842, 0.2625,
0.3210

51.2657, 0.2507,
0.3184

56.4643, 0.2756,
0.3235

49.1821, 0.2406,
0.3157

59.6184, 0.2899,
0.3258

47.4129, 0.2323,
0.3129

63.1662, 0.3049,
0.3280

45.9327, 0.2258,
0.3102

67.1239, 0.3204,
0.3300

44.7121, 0.2213,
0.3074

71.5069, 0.3361,
0.3317

■ 43.7150, 0.2186,
0.3047

■ 74.6682, 0.3454,
0.3334

■ 43.2738, 0.2176,
0.3034

■ 75.5394, 0.3451,
0.3351

■ 76.4196, 0.3448,
0.3368

■ 77.3089, 0.3445,
0.3385

Harmonies

Analogous

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



53.6842, 0.2807, 0.3492



53.6842, 0.2625, 0.3210



53.6842, 0.2573, 0.2968

Triad

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



53.6842, 0.2625, 0.3210



53.6842, 0.3155, 0.2906



53.6842, 0.3608, 0.3755

Complementary

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



53.6842, 0.2625, 0.3210



35.2793, 0.3931, 0.3367

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.



53.6842, 0.3714, 0.3573



53.6842, 0.2625, 0.3210



53.6842, 0.3447, 0.3093

Square

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



53.6842, 0.2625, 0.3210



53.6842, 0.2868, 0.2809



53.6842, 0.3655, 0.3333



53.6842, 0.3372, 0.3817

Rectangle

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



53.6842, 0.2625, 0.3210



53.6842, 0.2615, 0.2861



53.6842, 0.3655, 0.3333



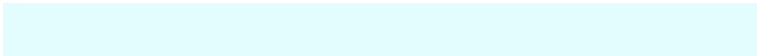
53.6842, 0.3660, 0.3705

Sweetspot

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



53.6863, 0.2625, 0.3210



93.6295, 0.2957, 0.3267



53.8415, 0.3048, 0.4265



19.8839, 0.2937, 0.3264



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.



53.6863, 0.2625, 0.3210



79.6447, 0.2537, 0.3191



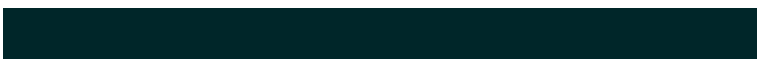
38.4121, 0.2558, 0.2709



13.2373, 0.2983, 0.3271



26.1952, 0.2177, 0.3038



1.5140, 0.2191, 0.3088

Inverse Universe

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



36.1404, 0.3224, 0.2488



49.0851, 0.3248, 0.2327



47.8547, 0.3776, 0.3806



11.9919, 0.3150, 0.3079



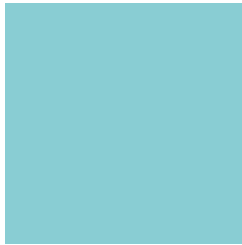
10.7157, 0.3421, 0.1658



0.6041, 0.3378, 0.1634

Previews

White Background



This preview shows how the Yxy color 53.6842, 0.2625, 0.3210 looks on a white background.

Color Contrast Check

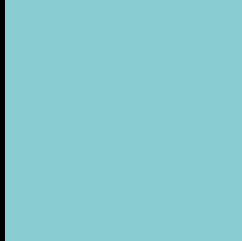
Large Text (above 18pt) WCAG AA × Fail

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 53.6842, 0.2625, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

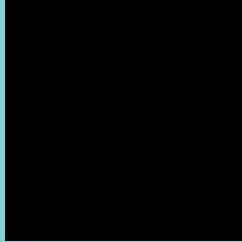
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6842, 0.2625, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 53.6842, 0.2625, 0.3210.



This preview shows how white text looks on a background with the Yxy color 53.6842, 0.2625, 0.3210.

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

53.6842, 0.2625, 0.3210

Protanopia

53.3485, 0.3054, 0.3156

Deuteranopia

53.2902, 0.3030, 0.2971



Tritanopia

53.8420, 0.2585, 0.3082

Trichromacy



Original Color

53.6842, 0.2625, 0.3210

Protanomaly

53.2730, 0.2882, 0.3176

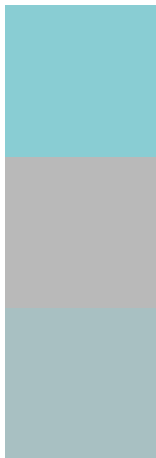
Deuteranomaly

52.9036, 0.2863, 0.3042

Tritanomaly

53.5988, 0.2595, 0.3119

Monochromacy



Original Color

53.6842, 0.2625, 0.3210

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9191, 0.2924, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6842, 0.2625, 0.3210 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(137, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(137, 205, 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(137, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.6842, 0.2625, 0.3210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

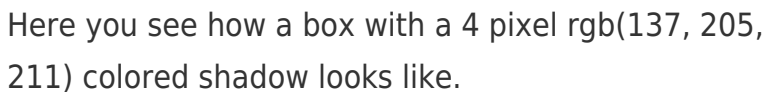
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 205, 211) }
```

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

```
.border{ border-color:rgb(137, 205, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(137, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6842, 0.2625, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 205, 211) }
```

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

```
.background{ background-color: rgb(137,  
205, 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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