

Converting Colors

$Yxy(43.0900, 0.2192, 0.3091)$

Have a look what the booklet for
Yxy(43.0900, 0.2192, 0.3091)
contains.

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Color

Yxy(43.0886, 0.2192, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	00C2CF
RGB	0, 194, 207
RGB Percent	0%, 76%, 81%
CMY	1.0000, 0.2392, 0.1881
CMYK	1.00, 0.06, 0.00, 0.19
HSL	184°, 100%, 41%
HSV	184°, 100%, 81%
XYZ	30.5565, 43.0886, 65.7551
YIQ	137.4760, -119.7970, -37.0850

Conversions

Conversions Part 2

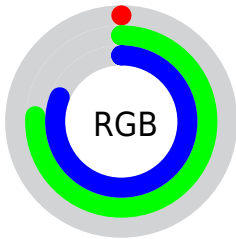
Format	Color
RYB	0, 100, 207
Decimal	49871
CIELab	71.62, -35.13, -17.99
CIELCh	72, 39.466, 207.121
Yxy	43.0886, 0.2192, 0.3091
Android (android.graphics.Color)	4278239951 (0xFF00C2CF)
YUV	137.4760, 34.2753, -120.5665
Hunter-Lab	65.6419, -31.7810, -13.4429

Details

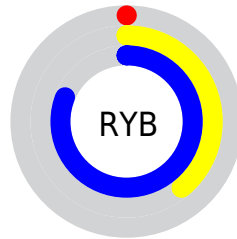
The Yxy color **43.0886, 0.2192, 0.3091** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13.5582, 0.6361, 0.3332**, and the grayscale version is **25.1094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2176, 0.2388, 0.3241**, and **21.0561, 0.2174, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **43.0900, 0.2192, 0.3091**, and if you desaturate by 10%, it is **43.8289, 0.2212, 0.3112**.

Distribution



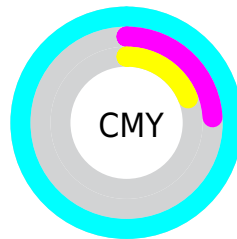
- Red (0%)
- Green (76%)
- Blue (81%)



- Red (0%)
- Yellow (39%)
- Blue (81%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)





- Cyan (100%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0886, 0.2192, 0.3091 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 43.0886, 0.2192, 0.3091 by changing the saturation by 10% instead.


 43.0886, 0.2192,
0.3091


 43.0886, 0.2192,
0.3091


358.9760, 0.2648,
0.3207


 29.9546, 0.2083,
0.3057


 79.8445, 0.2354,
0.3137


 19.8042, 0.1947,
0.3011


 104.2353, 0.2416,
0.3153


 12.2528, 0.1771,
0.2945

 133.1471, 0.2469,
0.3166

 6.9161, 0.1540,
0.2846

 166.9644, 0.2515,
0.3177

 3.4097, 0.1226,
0.2683

 206.0716, 0.2554,
0.3187

 1.3492, 0.0656,
0.2428

250.8529, 0.2589,

 0.1788, 0.0000,

0.3195

0.1041

301.6930, 0.2620,
0.3201

■ 0.0000, 0.0000,
0.0000

■ 43.0886, 0.2192,
0.3091

■ 43.0886, 0.2192,
0.3091

■ 43.0900, 0.2192,
0.3091

■ 43.8289, 0.2212,
0.3112

■ 44.7401, 0.2246,
0.3133

■ 45.8807, 0.2298,
0.3154

■ 47.2814, 0.2370,
0.3176

■ 48.9680, 0.2461,
0.3197

■ 50.9634, 0.2569,
0.3218

■ 53.2880, 0.2692,
0.3237

■ 55.9603, 0.2828,
0.3256

■ 58.9977, 0.2974,
0.3274

Harmonies

Analogous

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



43.0886, 0.2502, 0.3664



43.0886, 0.2192, 0.3091



43.0886, 0.2115, 0.2651

Triad

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



43.0886, 0.2192, 0.3091



43.0886, 0.3182, 0.2601



43.0886, 0.4014, 0.4158

Complementary

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



43.0886, 0.2192, 0.3091



13.5582, 0.6361, 0.3332

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.



43.0886, 0.4249, 0.3789



43.0886, 0.2192, 0.3091



43.0886, 0.3752, 0.2930

Square

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



43.0886, 0.2192, 0.3091



43.0886, 0.2645, 0.2420



43.0886, 0.4157, 0.3350



43.0886, 0.3549, 0.4323

Rectangle

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



43.0886, 0.2192, 0.3091



43.0886, 0.2194, 0.2478



43.0886, 0.4157, 0.3350



43.0886, 0.4125, 0.4050

Sweetspot

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



43.0902, 0.2192, 0.3091



85.2311, 0.2687, 0.3237



44.6620, 0.2992, 0.5973



17.8904, 0.2633, 0.3228



0.0000, 0.0000, 0.0000



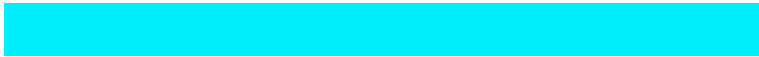
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.0902, 0.2192, 0.3091



68.9256, 0.2191, 0.3089



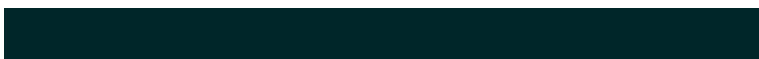
12.3643, 0.1723, 0.1402



13.2743, 0.2983, 0.3275



27.1929, 0.2193, 0.3094



1.5598, 0.2203, 0.3132

Inverse Universe

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



17.1646, 0.3375, 0.1633



27.4892, 0.3377, 0.1634



25.2744, 0.5271, 0.4197



11.9957, 0.3147, 0.3075



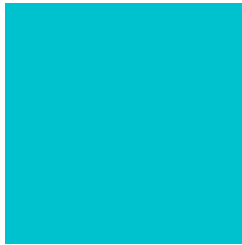
10.8164, 0.3372, 0.1631



0.6088, 0.3339, 0.1613

Previews

White Background



This preview shows how the Yxy color 43.0886, 0.2192, 0.3091 looks on a white background.

Color Contrast Check

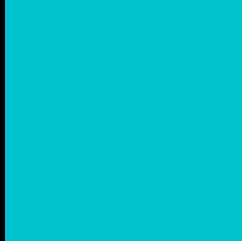
Large Text (above 18pt) WCAG AA × Fail

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 43.0886, 0.2192, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

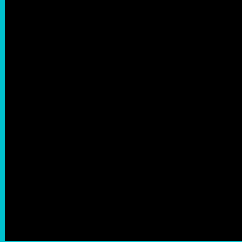
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0886, 0.2192, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 43.0886, 0.2192, 0.3091.



This preview shows how white text looks on a background with the Yxy color 43.0886, 0.2192, 0.3091.

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

43.0886, 0.2192, 0.3091

Protanopia

42.5081, 0.2958, 0.3024

Deuteranopia

42.2736, 0.2815, 0.2750



Tritanopia

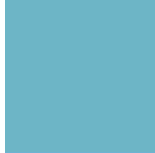
43.2972, 0.2194, 0.3063

Trichromacy



Original Color

43.0886, 0.2192, 0.3091



Protanomaly

40.3762, 0.2485, 0.3039



Deuteranomaly

40.1446, 0.2413, 0.2844



Tritanomaly

43.2022, 0.2194, 0.3077

Monochromacy



Original Color

43.0886, 0.2192, 0.3091



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

29.0886, 0.2510, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0886, 0.2192, 0.3091 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(0, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 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(0, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.0886, 0.2192, 0.3091 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(0, 194, 207) }
```

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

```
.border{ border-color:rgb(0, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0886, 0.2192, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 207) }
```

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

```
.background{ background-color: rgb(0, 194,  
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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