Converting Colors

CMY(0.4235, 0.2196, 0.0863)

Have a look what the booklet for CMY(0.4235, 0.2196, 0.0863) contains.

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Color

CMY(0.4235, 0.2196, 0.0863)

Conversions

Conversions Part 1

Format	Color
Hex	93C7E9
RGB	147, 199, 233
RGB Percent	58%, 78%, 91%
CMY	0.4235, 0.2196, 0.0863
CMYK	0.37, 0.15, 0.00, 0.09
HSL	204°, 66%, 75%
HSV	204°, 37%, 91%
XYZ	47.1649, 52.9343, 84.8174
YIQ	187.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

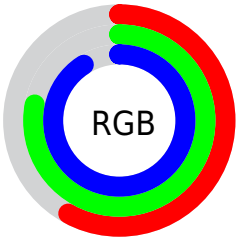
Format	Color
RYB	147, 179, 233
Decimal	9684969
CIELab	77.84, -8.62, -22.24
CIELCh	78, 23.847, 248.818
Yxy	52.9343, 0.2551, 0.2863
Android (android.graphics.Color)	4287875049 (0xFF93C7E9)
YUV	187.3280, 22.5163, -35.3677
Hunter-Lab	72.7560, -11.6083, -18.1899

Details

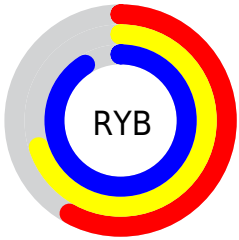
The CMY color 0.4235, 0.2196, 0.0863 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 0.0863, 0.2902, 0.4235, and the grayscale version is 0.2661, 0.2661, 0.2661.

A 20% lighter version of the original color is 0.2039, 0.0000, 0.0000, and 0.6392, 0.4314, 0.3059 is the 20% darker color. If you saturate the color by 10%, you get 0.5149, 0.2557, 0.0863, and if you desaturate by 10%, it is 0.3321, 0.1835, 0.0863.

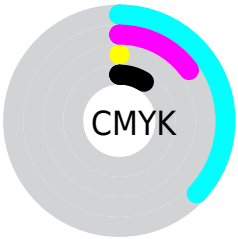
Distribution



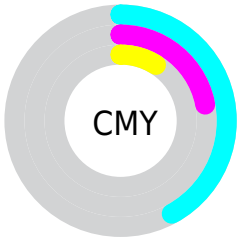
- Red (58%)
- Green (78%)
- Blue (91%)



- Red (58%)
- Yellow (70%)
- Blue (91%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CMY color 0.4235, 0.2196, 0.0863 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 CMY color 0.4235, 0.2196, 0.0863 by changing the saturation by 10% instead.

0.4235, 0.2196, 0.0863

0.0000, 0.0000, 0.0000

0.2026, 0.0000, 0.0000

0.0889, 0.0000, 0.0000

0.4235, 0.2196, 0.0863

0.5311, 0.3267, 0.1970

0.6374, 0.4307, 0.3049

0.7441, 0.5313, 0.4099

0.8580, 0.6282, 0.5116

1.0000, 0.7209, 0.6098

1.0000, 0.8087, 0.7040

1.0000, 0.8893,

0.7936

1.0000, 0.9929, 0.8764

1.0000, 0.9995, 0.9879

0.4235, 0.2196, 0.0863

0.4235, 0.2196, 0.0863

0.5149, 0.2557, 0.0863

0.3321, 0.1835, 0.0863

0.6062, 0.2918, 0.0863

0.2408, 0.1474, 0.0863

0.6976, 0.3280, 0.0863

0.1494, 0.1112, 0.0863

0.7890, 0.3641, 0.0863

0.0580, 0.0751, 0.0863

0.8803, 0.4002, 0.0863

0.0000, 0.0390, 0.0863

0.9717, 0.4363, 0.0863

0.0000, 0.0029, 0.0863

1.0000, 0.4475, 0.0863

0.0000, 0.0000, 0.0863

Harmonies

Analogous

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

0.4856, 0.2018, 0.1400

0.4235, 0.2196, 0.0863

0.3134, 0.2464, 0.0754

Triad

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

0.4235, 0.2196, 0.0863

0.0689, 0.3074, 0.2686

0.3033, 0.2178, 0.3823

Complementary

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

0.4235, 0.2196, 0.0863

0.0863, 0.2902, 0.4235

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.

0.2060, 0.2430, 0.4169

0.4235, 0.2196, 0.0863

0.0754, 0.2965, 0.3504

Square

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

0.4235, 0.2196, 0.0863

0.1115, 0.2996, 0.1809

0.1251, 0.2719, 0.4049

0.4001, 0.2012, 0.3109

Rectangle

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

0.4235, 0.2196, 0.0863

0.2351, 0.2665, 0.0939

0.1251, 0.2719, 0.4049

0.2701, 0.2254, 0.3987

Sweetspot

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

0.4235, 0.2196, 0.0863

0.1100, 0.0435, 0.0000

0.4235, 0.0863, 0.2942

0.5650, 0.5257, 0.5000

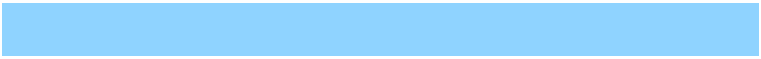
1.0000, 1.0000, 1.0000

0.5000, 0.5000, 0.5000

Same Dimension

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

0.4235, 0.2196, 0.0863



0.4400, 0.1739, 0.0000

0.4235, 0.3842, 0.0863

0.5860, 0.5582, 0.5400

1.0000, 0.5707, 0.2900

1.0000, 0.8730, 0.7900

Inverse Universe

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

0.0863, 0.4235, 0.2196

0.0000, 0.4400, 0.1739

0.0863, 0.1256, 0.4235

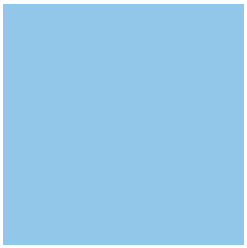
0.5400, 0.5860, 0.5582

0.2900, 1.0000, 0.5707

0.7900, 1.0000, 0.8730

Previews

White Background

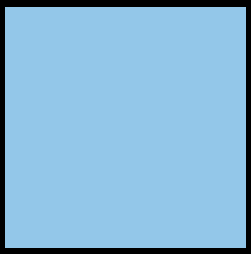


This preview shows how the CMY color 0.4235, 0.2196, 0.0863 looks on a white background.

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



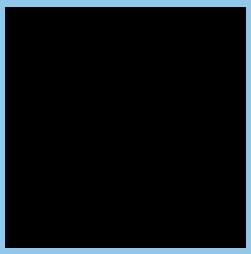
This preview shows how the CMY color 0.4235, 0.2196, 0.0863 looks on a black background.

Color Contrast Check

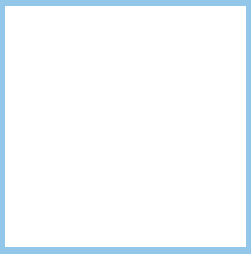
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CMY 0.4235, 0.2196, 0.0863 Background



This preview shows how black text looks on a background with the CMY color 0.4235, 0.2196, 0.0863.



This preview shows how white text looks on a background with the CMY color 0.4235, 0.2196, 0.0863.

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

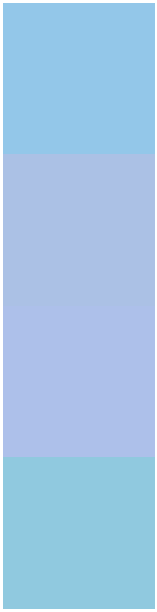
Original Color
0.4235, 0.2196, 0.0863

Protanopia
0.2784, 0.2549, 0.1098

Deuteranopia
0.2627, 0.2627, 0.0784

Tritanopia
0.4392, 0.2078, 0.1451

Trichromacy



Original Color
0.4235, 0.2196, 0.0863

Protanomaly
0.3294, 0.2431, 0.1020

Deuteranomaly
0.3216, 0.2471, 0.0824

Tritanomaly
0.4353, 0.2118, 0.1255

Monochromacy

Original Color
0.4235, 0.2196, 0.0863

Achromatopsia
0.2667, 0.2667, 0.2667

Achromatomaly
0.3255, 0.2510, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to CMY 0.4235, 0.2196, 0.0863 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(147, 199, 233) looks like.

```
.text, #text, p{
    color:rgb(147, 199, 233)
}
```

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(147, 199, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 233) }
```

Border

The CSS property to change the border of an element to CMY 0.4235, 0.2196, 0.0863 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(147, 199, 233) }
```

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

```
.border{ border-color:rgb(147, 199, 233) }
```

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

Here you see how a box with a 4 pixel rgb(147, 199, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 199, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 199, 233); box-shadow:4px 4px 4px 4px rgb(147, 199, 233) }
```

Background

The CSS property to change the background color of an element to CMY 0.4235, 0.2196, 0.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 199, 233) }
```

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

```
.background{ background-color:rgb(147,
199, 233) }
```

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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