Converting Colors

CMY(0.0452, 0.0213, 0.0434)

Have a look what the booklet for CMY(0.0452, 0.0213, 0.0434) contains.

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Color

CMY(0.0471, 0.0196, 0.0431)

Conversions

Conversions Part 1

Format	Color
Hex	F3FAF4
RGB	243, 250, 244
RGB Percent	95%, 98%, 96%
CMY	0.0471, 0.0196, 0.0431
CMYK	0.03, 0.00, 0.02, 0.02
HSL	129°, 41%, 97%
HSV	129°, 3%, 98%
XYZ	87.4753, 93.9575, 99.1207
YIQ	247.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

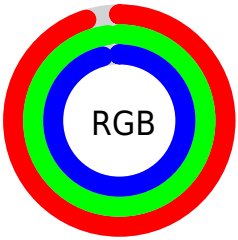
Format	Color
RYB	243, 249, 250
Decimal	15989492
CIELab	97.61, -3.37, 2.05
CIELCh	98, 3.942, 148.614
Yxy	93.9575, 0.3118, 0.3349
Android (android.graphics.Color)	4294179572 (0xFFF3FAF4)
YUV	247.2230, -1.5889, -3.7036
Hunter-Lab	96.9317, -8.5443, 7.2232

Details

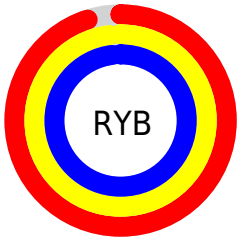
The CMY color 0.0471, 0.0196, 0.0431 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 0.0196, 0.0471, 0.0236, and the grayscale version is 0.0304, 0.0304, 0.0304.

A 20% lighter version of the original color is 0.0000, 0.0000, 0.0000, and 0.2667, 0.2392, 0.2627 is the 20% darker color. If you saturate the color by 10%, you get 0.1451, 0.0196, 0.1269, and if you desaturate by 10%, it is 0.0000, 0.0196, 0.0000.

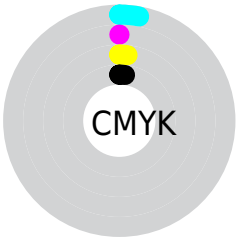
Distribution



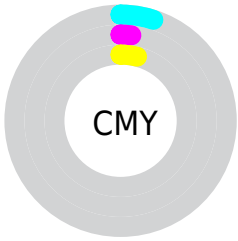
- Red (95%)
- Green (98%)
- Blue (96%)



- Red (95%)
- Yellow (98%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CMY color 0.0471, 0.0196, 0.0431 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 0.0471, 0.0196, 0.0431 by changing the saturation by 10% instead.

0.0471, 0.0196, 0.0431

0.0000, 0.0000, 0.0000

0.0471, 0.0196, 0.0431

0.1585, 0.1316, 0.1545

0.2672, 0.2409, 0.2633

0.3729, 0.3474, 0.3691

0.4755, 0.4508, 0.4718

0.5746, 0.5507, 0.5710

0.6697, 0.6468, 0.6662

0.7604, 0.7386,

0.7570

0.8458, 0.8253, 0.8425

0.9257, 0.9057, 0.9226

0.0471, 0.0196, 0.0431

0.1451, 0.0196, 0.1269

0.2432, 0.0196, 0.2107

0.3412, 0.0196, 0.2944

0.4393, 0.0196, 0.3782

0.0471, 0.0196, 0.0431

0.0000, 0.0196, 0.0000

0.5373, 0.0196, 0.4620

0.6353, 0.0196, 0.5458

0.7334, 0.0196, 0.6296

0.8314, 0.0196, 0.7133

0.9295, 0.0196, 0.7971

Harmonies

Analogous

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

0.0301, 0.0235, 0.0535

0.0471, 0.0196, 0.0431

0.0590, 0.0177, 0.0284

Triad

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

0.0471, 0.0196, 0.0431

0.0423, 0.0256, 0.0000

0.0000, 0.0360, 0.0409

Complementary

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

```
0.0471, 0.0196, 0.0431
```

```
0.0196, 0.0471, 0.0236
```

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.

0.0000, 0.0366, 0.0258

0.0471, 0.0196, 0.0431

0.0243, 0.0306, 0.0007

Square

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

0.0471, 0.0196, 0.0431

0.0563, 0.0211, 0.0020

0.0073, 0.0346, 0.0112

0.0000, 0.0330, 0.0522

Rectangle

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

0.0471, 0.0196, 0.0431

0.0624, 0.0177, 0.0181

0.0073, 0.0346, 0.0112

0.0000, 0.0365, 0.0361

Sweetspot

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

0.0471, 0.0196, 0.0431

0.0100, 0.0000, 0.0085

0.0233, 0.0196, 0.0471

0.5050, 0.5000, 0.5043

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.

0.0471, 0.0196, 0.0431

0.0300, 0.0000, 0.0256

0.0471, 0.0196, 0.0297

0.5296, 0.5100, 0.5267

1.0000, 0.2600, 0.8924

1.0000, 0.7600, 0.9651

Inverse Universe

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

0.0196, 0.0471, 0.0236

0.0000, 0.0300, 0.0044

0.0196, 0.0471, 0.0370

0.5100, 0.5296, 0.5129

0.2600, 1.0000, 0.3676

0.7600, 1.0000, 0.7949

Previews

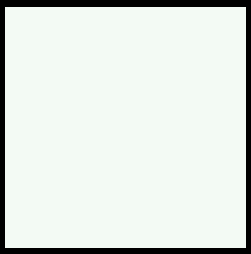
White Background

This preview shows how the CMY color 0.0471, 0.0196, 0.0431 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



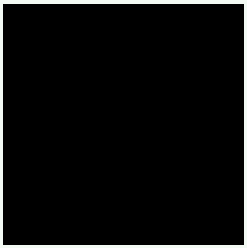
This preview shows how the CMY color 0.0471, 0.0196, 0.0431 looks on a black background.

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 0.0471, 0.0196, 0.0431 Background



This preview shows how black text looks on a background with the CMY color 0.0471, 0.0196, 0.0431.

This preview shows how white text looks on a background with the CMY color 0.0471, 0.0196, 0.0431.

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
0.0471, 0.0196, 0.0431

Protanopia
0.0039, 0.0314, 0.0510

Deuteranopia
0.0000, 0.0353, 0.0314

Tritanopia
0.0314, 0.0275, 0.0000

Trichromacy

Original Color
0.0471, 0.0196, 0.0431

Protanomaly
0.0196, 0.0275, 0.0471

Deuteranomaly
0.0157, 0.0314, 0.0353

Tritanomaly
0.0353, 0.0235, 0.0157

Monochromacy

Original Color
0.0471, 0.0196, 0.0431

Achromatopsia
0.0314, 0.0314, 0.0314

Achromatomaly
0.0353, 0.0275, 0.0353

CSS Examples

Text

The CSS property to change the color of the text to CMY 0.0471, 0.0196, 0.0431 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(243, 250, 244) looks like.

```
.text, #text, p{
    color:rgb(243, 250, 244)
}
```

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(243, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 244) }
```

Border

The CSS property to change the border of an element to CMY 0.0471, 0.0196, 0.0431 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(243, 250, 244) }
```

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

```
.border{ border-color:rgb(243, 250, 244) }
```

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

Here you see how a box with a 4 pixel rgb(243, 250, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 250, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 250, 244); box-shadow:4px 4px 4px 4px rgb(243, 250, 244) }
```

Background

The CSS property to change the background color of an element to CMY 0.0471, 0.0196, 0.0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(243, 250, 244) }
```

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

```
.background{ background-color:rgb(243,
250, 244) }
```

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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