Converting Colors

CMY(0.7361, 0.8903, 0.7862)

Have a look what the booklet for CMY(0.7361, 0.8903, 0.7862) contains.

CMY(0.7373, 0.8902, 0.7843) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

CMY(0.7373, 0.8902, 0.7843)

Conversions

Format	Color
Hex	431C37
RGB	67, 28, 55
RGB Percent	26%, 11%, 22%
CMY	0.7373, 0.8902, 0.7843
CMYK	0.00, 0.58, 0.18, 0.74
HSL	318°, 41%, 19%
HSV	318°, 58%, 26%
XYZ	3.4189, 2.2992, 3.8785
YIQ	42.7390, 14.5770, 16.6650

Conversions Part 1

Conversions

Conversions Part 2

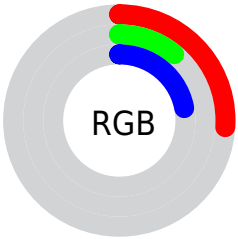
Format	Color
RYB	67, 28, 55
Decimal	4398135
CIELab	16.99, 22.87, -8.93
CIELCh	17, 24.557, 338.663
Yxy	2.2992, 0.3563, 0.2396
Android (android.graphics.Color)	4282588215 (0xFF431C37)
YUV	42.7390, 6.0447, 21.2769
Hunter-Lab	15.1632, 13.7110, -4.5511

Details

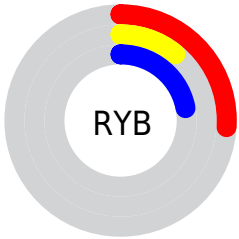
The CMY color 0.7373, 0.8902, 0.7843 is a dark color, and the websafe version is hex 330033. A complement of this color would be 0.8902, 0.7373, 0.8432, and the grayscale version is 0.8327, 0.8327, 0.8327.

A 20% lighter version of the original color is 0.5451, 0.7098, 0.6000, and 0.9255, 1.0000, 0.9608 is the 20% darker color. If you saturate the color by 10%, you get 0.7373, 0.9165, 0.7924, and if you desaturate by 10%, it is 0.7373, 0.8639, 0.7762.

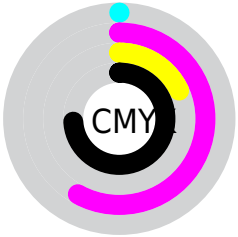
Distribution



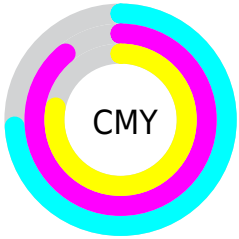
- Red (26%)
- Green (11%)
- Blue (22%)



- Red (26%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (18%)
- Black (74%)



- Cyan (74%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CMY color 0.7373, 0.8902, 0.7843 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 0.7373, 0.8902, 0.7843 by changing the saturation by 10% instead.

0.7373, 0.8902, 0.7843

0.0000, 0.0000, 0.0000

0.5436, 0.7117, 0.6007

0.4415, 0.6166, 0.5025

0.3363, 0.5178, 0.4008

0.2283, 0.4157, 0.2958

0.1176, 0.3104, 0.1878

0.0044, 0.2023,

0.7373, 0.8902, 0.7843

0.8281, 0.9768, 0.8683

0.9255, 1.0000, 0.9626

1.0000, 1.0000, 1.0000

0.0771

0.0000, 0.0914, 0.0000

0.7373, 0.8902, 0.7843

0.7373, 0.8902, 0.7843

0.7373, 0.9165, 0.7924

0.7373, 0.8639, 0.7762

0.7373, 0.9427, 0.8005

0.7373, 0.8377, 0.7681

0.7373, 0.9690, 0.8085

0.7373, 0.8114, 0.7601

0.7373, 0.9953, 0.8166

0.7373, 0.7851, 0.7520

0.7373, 1.0000, 0.8181

0.7373, 0.7589, 0.7439

0.7373, 0.7326, 0.7358

0.7373, 0.7063, 0.7278

0.7373, 0.6800, 0.7197

0.7373, 0.6538, 0.7116

Harmonies

Analogous

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

0.8065, 0.8627, 0.7278

0.7373, 0.8902, 0.7843

0.7106, 0.9001, 0.8532

Triad

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

0.7373, 0.8902, 0.7843

0.8160, 0.8331, 0.9983

1.0000, 0.8051, 0.7515

Complementary

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

0.7373, 0.8902, 0.7843

0.8902, 0.7373, 0.8432

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.

1.0000, 0.8026, 0.8173

0.7373, 0.8902, 0.7843

0.8914, 0.8158, 0.9533

Square

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

0.7373, 0.8902, 0.7843

0.7587, 0.8577, 0.9805

1.0000, 0.8061, 0.8887

1.0000, 0.8152, 0.7082

Rectangle

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

0.7373, 0.8902, 0.7843

0.7138, 0.8920, 0.8979

1.0000, 0.8061, 0.8887

1.0000, 0.8035, 0.7718

Sweetspot

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

0.7373, 0.8902, 0.7843

0.6600, 0.7178, 0.6778

0.8443, 0.8902, 0.7373

0.8300, 0.8640, 0.8405

0.3300, 0.3300, 0.3300

0.8300, 0.8300, 0.8300

Same Dimension

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

0.7373, 0.8902, 0.7843

0.6600, 0.8980, 0.7332

0.7373, 0.8902, 0.8596

0.8700, 0.8830, 0.8740

0.6200, 1.0000, 0.7368

0.1200, 1.0000, 0.3905

Inverse Universe

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

0.7373, 0.8902, 0.7843

0.6600, 0.8980, 0.7332

0.8902, 0.7373, 0.7679

0.8700, 0.8830, 0.8740

0.6200, 1.0000, 0.7368

0.1200, 1.0000, 0.3905

Previews

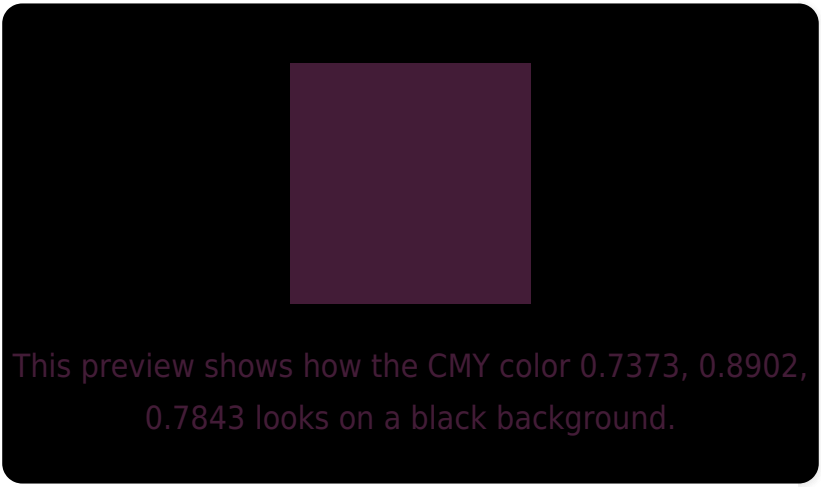
White Background

This preview shows how the CMY color 0.7373, 0.8902, 0.7843 looks on a white 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

Black Background

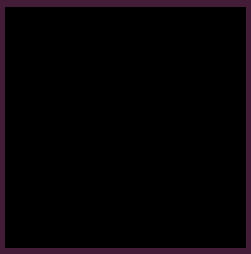


Color Contrast Check

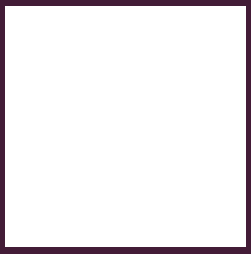
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

CMY 0.7373, 0.8902, 0.7843 Background



This preview shows how black text looks on a background with the CMY color 0.7373, 0.8902, 0.7843.



This preview shows how white text looks on a background with the CMY color 0.7373, 0.8902, 0.7843.

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
0.7373, 0.8902, 0.7843

Protanopia
0.8667, 0.8353, 0.7412

Deuteranopia
0.8353, 0.8353, 0.7922

Tritanopia
0.7451, 0.8706, 0.8627

Trichromacy

Original Color
0.7373, 0.8902, 0.7843

Protanomaly
0.8196, 0.8549, 0.7569

Deuteranomaly
0.8000, 0.8549, 0.7882

Tritanomaly
0.7412, 0.8784, 0.8353

Monochromacy

Original Color
0.7373, 0.8902, 0.7843

Achromatopsia
0.8314, 0.8314, 0.8314

Achromatomaly
0.7961, 0.8510, 0.8157

CSS Examples

Text

The CSS property to change the color of the text to CMY 0.7373, 0.8902, 0.7843 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(67, 28, 55) looks like.

```
.text, #text, p{
    color:rgb(67, 28, 55)
}
```

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(67, 28, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 28, 55) }
```

Border

The CSS property to change the border of an element to CMY 0.7373, 0.8902, 0.7843 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(67, 28, 55) }
```

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

```
.border{ border-color:rgb(67, 28, 55) }
```

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

Here you see how a box with a 4 pixel rgb(67, 28, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 28, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 28, 55); box-shadow:4px 4px 4px 4px rgb(67, 28, 55) }
```

Background

The CSS property to change the background color of an element to CMY 0.7373, 0.8902, 0.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(67, 28, 55) }
```

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

```
.background{ background-color:rgb(67, 28,
55) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor