

Converting Colors

YUV(70.8970, -6.3582,
126.3783)

Have a look what the booklet for
YUV(70.8970, -6.3582, 126.3783)
contains.

YUV(70.8970, -6.3582, 126.3783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.8970, -6.3582,
126.3783)**

Conversions

Conversions Part 1

Format	Color
Hex	D7003A
RGB	215, 0, 58
RGB Percent	84%, 0%, 23%
CMY	0.1569, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.73, 0.16
HSL	344°, 100%, 42%
HSV	344°, 100%, 84%
XYZ	28.7881, 14.7526, 5.3332
YIQ	70.8970, 109.5220, 63.6180

Conversions

Conversions Part 2

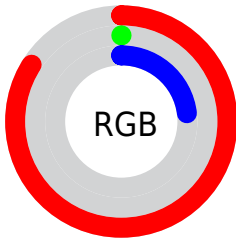
Format	Color
R _Y B	215, 0, 58
Decimal	14090298
CIE Lab	45.29, 71.59, 32.50
CIE LCh	45, 78.622, 24.418
Yxy	14.7526, 0.5890, 0.3018
Android (android.graphics.Color)	4292280378 (0xFFD7003A)
YUV	70.8970, -6.3582, 126.3783
Hunter-Lab	38.4091, 66.5720, 18.6537

Details

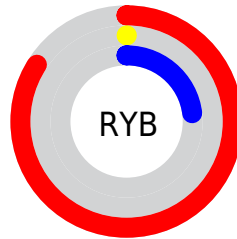
The YUV color **70.8970, -6.3582, 126.3783** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **144.1030, 6.3582, -126.3783**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4580, -17.4808, 100.4533**, and **47.0870, -14.8329, 91.1317** is the 20% darker color. If you saturate the color by 10%, you get **70.8970, -6.3582, 126.3783**, and if you desaturate by 10%, it is **85.0480, -5.4467, 113.9679**.

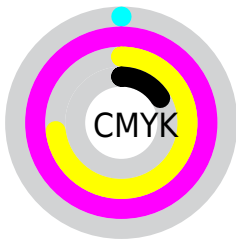
Distribution



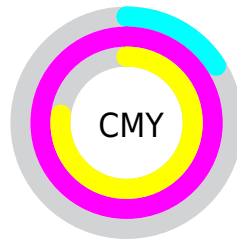
- Red (84%)
- Green (0%)
- Blue (23%)



- Red (84%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.8970, -6.3582, 126.3783 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 YUV color 70.8970, -6.3582, 126.3783 by changing the saturation by 10% instead.


 70.8970, -6.3582,
126.3783


 70.8970, -6.3582,
126.3783


255.0000, 0.0000,
0.0000

 58.9350, -10.8140,
108.8050


 140.4580,
-17.4808, 100.4533


 47.0870, -14.8329,
91.1317

 160.9180,
-15.2426, 82.5099

 35.8800, -17.6888,
73.7732


 180.9050,
-12.2782, 64.9813

 26.5400, -12.0982,
53.9004

 201.5930, -9.1663,
46.8379

 17.5700, -7.6760,
35.4571

 222.3950, -5.6177,
28.5946

 5.6810, -2.8007,
11.6808

 243.1970, -2.0691,

 0.0000, 0.0000,

10.3512

0.0000

■ 70.8970, -6.3582,
126.3783

■ 85.0480, -5.4467,
113.9679

■ 99.6720, -5.2613,
101.1427

■ 114.4100, -4.6391,
88.2174

■ 128.5610, -3.7276,
75.8070

■ 143.2990, -3.1054,
62.8818

■ 157.3360, -2.6306,
50.5713

■ 172.0740, -2.0085,
37.6461

■ 186.2250, -1.0969,
25.2357

■ 200.8490, -0.9116,
12.4104

Harmonies

Analogous

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



77.5950, 21.8917, 118.7502



70.8970, -6.3582, 126.3783



96.1280, -47.3911, 80.5717

Triad

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



70.8970, -6.3582, 126.3783



77.3190, -31.2163, -67.8088



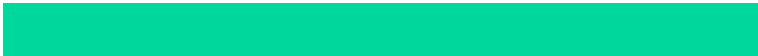
97.8000, 70.1046, -85.7706

Complementary

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



70.8970, -6.3582, 126.3783



144.1030, 6.3582, -126.3783

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.



101.4070, 56.0013, -88.9339



70.8970, -6.3582, 126.3783



88.5590, 1.6964, -77.6662

Square

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



70.8970, -6.3582, 126.3783



93.4740, -46.0827, -12.6937



96.8980, 31.1093, -84.9795



98.9030, 64.1378, -38.5029

Rectangle

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



70.8970, -6.3582, 126.3783



100.9580, -49.7723, 50.9028



96.8980, 31.1093, -84.9795



100.2790, 66.9105, -87.9447

Sweetspot

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



70.8970, -6.3582, 126.3783



204.0040, -2.4670, 44.7235



70.5560, 71.2109, 73.1804



97.1220, -1.5391, 27.0800



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



70.8970, -6.3582, 126.3783



84.1110, -7.4497, 149.8697



91.8740, -45.2939, 107.9815



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Inverse Universe

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



70.8970, -6.3582, 126.3783



84.1110, -7.4497, 149.8697



123.1260, 45.2939, -107.9815



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 70.8970, -6.3582, 126.3783 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 × Fail

Black Background



This preview shows how the YUV color 70.8970, -6.3582, 126.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

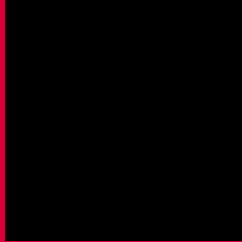
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8970, -6.3582, 126.3783

Background



This preview shows how black text looks on a background with the YUV color 70.8970, -6.3582, 126.3783.



This preview shows how white text looks on a background with the YUV color 70.8970, -6.3582,

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

70.8970, -6.3582, 126.3783

Protanopia

108.5850, -10.6414, 6.5030

Deuteranopia

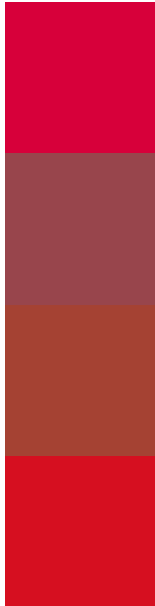
107.0700, -29.6145, 25.3716



Tritanopia

80.0120, -31.0649, 117.5075

Trichromacy



Original Color

70.8970, -6.3582, 126.3783

Protanomaly

94.6150, -9.1772, 50.3266

Deuteranomaly

93.8910, -21.1453, 62.3626

Tritanomaly

76.4390, -21.9084, 120.6410

Monochromacy



Original Color

70.8970, -6.3582, 126.3783

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7160, -2.3250, 45.8531

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8970, -6.3582, 126.3783 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(215, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 58)  
}
```

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(215, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 58) }
```

Border

The CSS property to change the border of an element to YUV 70.8970, -6.3582, 126.3783 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(215, 0, 58) }
```


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

```
.border{ border-color:rgb(215, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(215, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(215, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.8970, -6.3582, 126.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 58) }
```

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

```
.background{ background-color: rgb(215, 0,  
58) }
```

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