

Converting Colors

YUV(66.4960, -11.5835,
122.3450)

Have a look what the booklet for
YUV(66.4960, -11.5835, 122.3450)
contains.

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Color

**YUV(66.4960, -11.5835,
122.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	CE002B
RGB	206, 0, 43
RGB Percent	81%, 0%, 17%
CMY	0.1922, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.79, 0.19
HSL	347°, 100%, 40%
HSV	347°, 100%, 81%
XYZ	25.8896, 13.2962, 3.4874
YIQ	66.4960, 108.9730, 57.0450

Conversions

Conversions Part 2

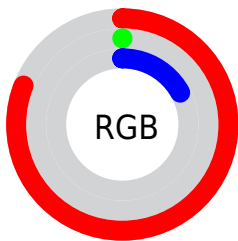
Format	Color
R_{YB}	206, 0, 43
Decimal	13500459
CIE Lab	43.21, 68.92, 38.56
CIE LCh	43, 78.972, 29.231
Yxy	13.2962, 0.6067, 0.3116
Android (android.graphics.Color)	4291690539 (0xFFCE002B)
YUV	66.4960, -11.5835, 122.3450
Hunter-Lab	36.4640, 62.9240, 19.8543

Details

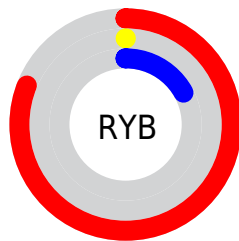
The YUV color **66.4960, -11.5835, 122.3450** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **139.5040, 11.5835, -122.3450**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8730, -23.6014, 103.5974**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **66.4960, -11.5835, 122.3450**, and if you desaturate by 10%, it is **80.6470, -10.6720, 109.9346**.

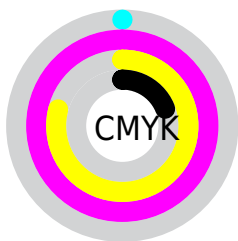
Distribution



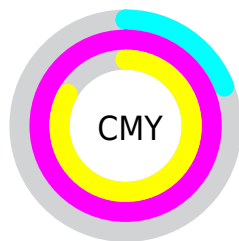
- Red (81%)
- Green (0%)
- Blue (17%)



- Red (81%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4960, -11.5835, 122.3450 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 66.4960, -11.5835, 122.3450 by changing the saturation by 10% instead.

■ 66.4960, -11.5835,
122.3450

■ 66.4960, -11.5835,
122.3450

255.0000, 0.0000,
0.0000

■ 54.5340, -16.0393,
104.7717

■ 136.8730,
-23.6014, 103.5974

■ 42.4580, -20.9318,
87.2983

■ 157.3330,
-21.3632, 85.6540

■ 33.1890, -16.3622,
68.2402

■ 177.2060,
-18.8356, 68.2253

■ 24.1480, -10.9190,
48.9822

■ 197.8940,
-15.7237, 50.0820

■ 15.1780, -6.4968,
30.5389

■ 217.9950,
-12.3225, 32.4534

■ 0.0000, 0.0000,
0.0000

■ 238.7970, -8.7739,

14.2100

254.3160, -2.6208,
0.5999

66.4960, -11.5835,
122.3450

80.6470, -10.6720,
109.9346

94.3250, -9.0342,
97.9390

108.4760, -8.1227,
85.5285

122.0400, -6.9217,
73.6329

136.1910, -6.0102,
61.2225

■ 150.4560, -4.6618,
48.7121

■ 164.0200, -3.4609,
36.8165

■ 178.1710, -2.5493,
24.4060

■ 191.8490, -0.9116,
12.4104

Harmonies

Analogous

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



74.6890, 15.9293, 117.7907



66.4960, -11.5835, 122.3450



92.8280, -45.7642, 72.0648

Triad

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



66.4960, -11.5835, 122.3450



75.5240, -25.4013, -66.2345



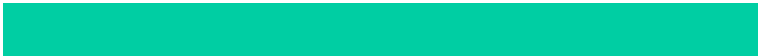
92.5340, 70.2357, -81.1523

Complementary

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



66.4960, -11.5835, 122.3450



139.5040, 11.5835, -122.3450

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.



97.8850, 57.7377, -85.8451



66.4960, -11.5835, 122.3450



86.4220, 6.2010, -75.7921

Square

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



66.4960, -11.5835, 122.3450



85.7330, -42.2664, -23.4448



93.9460, 35.0296, -82.3906



98.6670, 58.8312, -16.3710

Rectangle

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



66.4960, -11.5835, 122.3450



96.4730, -47.5612, 41.6812



93.9460, 35.0296, -82.3906



95.8280, 67.6258, -84.0412

Sweetspot

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



66.4960, -11.5835, 122.3450



203.4340, -4.6510, 45.2234



71.6230, 66.2479, 78.3836



96.7800, -2.8495, 27.3799



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.



66.4960, -11.5835, 122.3450



82.2870, -14.4385, 151.4693



95.6400, -47.1505, 96.7857



95.2180, -0.6005, 5.9478



53.6240, -9.1816, 98.5538



12.2740, -2.1071, 22.5617

Inverse Universe

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



66.4960, -11.5835, 122.3450



82.2870, -14.4385, 151.4693



110.3600, 47.1505, -96.7857



95.2180, -0.6005, 5.9478



53.6240, -9.1816, 98.5538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 66.4960, -11.5835, 122.3450 looks on a white background.

Color Contrast Check

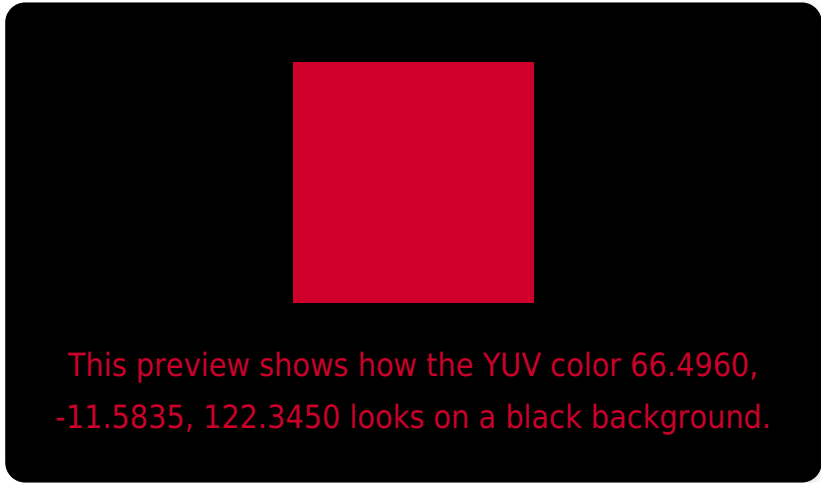
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 66.4960, -11.5835, 122.3450

Background



This preview shows how black text looks on a background with the YUV color 66.4960, -11.5835, 122.3450.



This preview shows how white text looks on a background with the YUV color 66.4960, -11.5835, 122.3450.

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

66.4960, -11.5835, 122.3450

Protanopia

102.6580, -18.0724, 9.9469

Deuteranopia

100.5880, -35.2929, 26.6713



Tritanopia

72.6160, -33.8277, 116.9778

Trichromacy



Original Color

66.4960, -11.5835, 122.3450

Protanomaly

89.3070, -15.4344, 50.5968

Deuteranomaly

88.0990, -26.6708, 61.3032

Tritanomaly

70.1030, -25.6868, 119.1817

Monochromacy



Original Color

66.4960, -11.5835, 122.3450

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2490, -4.0668, 44.5086

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4960, -11.5835, 122.3450 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(206, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 43)  
}
```

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(206, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 43) }
```

Border

The CSS property to change the border of an element to YUV 66.4960, -11.5835, 122.3450 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(206, 0, 43) }
```


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

```
.border{ border-color:rgb(206, 0, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 0, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4960, -11.5835, 122.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 43) }
```

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

```
.background{ background-color: rgb(206, 0,  
43) }
```

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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