

Converting Colors

YUV(166.3240, -81.9977,
26.9029)

Have a look what the booklet for
YUV(166.3240, -81.9977, 26.9029)
contains.

YUV(166.3240, -81.9977, 26.9029)	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(166.3240, -81.9977,
26.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B700
RGB	197, 183, 0
RGB Percent	77%, 72%, 0%
CMY	0.2275, 0.2824, 1.0000
CMYK	0.00, 0.07, 1.00, 0.23
HSL	56°, 100%, 39%
HSV	56°, 100%, 77%
XYZ	39.9594, 45.7373, 6.7221
YIQ	166.3240, 67.0870, -53.9450

Conversions

Conversions Part 2

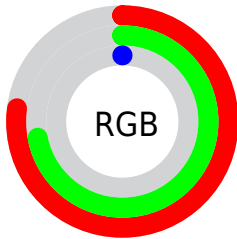
Format	Color
RYB	15, 197, 0
Decimal	12957440
CIELab	73.37, -10.67, 75.05
CIElCh	73, 75.803, 98.090
Yxy	45.7373, 0.4324, 0.4949
Android (android.graphics.Color)	4291147520 (0xFFC5B700)
YUV	166.3240, -81.9977, 26.9029
Hunter-Lab	67.6293, -12.8829, 41.4474

Details

The YUV color **166.3240, -81.9977, 26.9029** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **30.6760, 81.9977, -26.9029**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6580, -71.8094, 25.7329**, and **118.1590, -58.2524, 17.4006** is the 20% darker color. If you saturate the color by 10%, you get **166.3240, -81.9977, 26.9029**, and if you desaturate by 10%, it is **169.1910, -73.5512, 24.3885**.

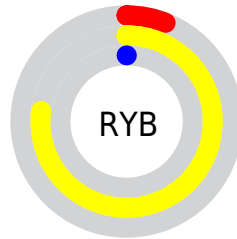
Distribution



Red (77%)

Green (72%)

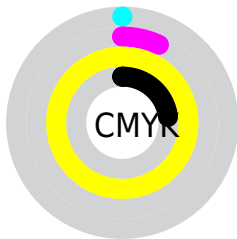
Blue (0%)



Red (6%)

Yellow (77%)

Blue (0%)

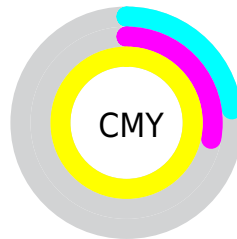


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3240, -81.9977, 26.9029 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 166.3240, -81.9977, 26.9029 by changing the saturation by 10% instead.

■ 166.3240,
-81.9977, 26.9029

■ 166.3240,
-81.9977, 26.9029

■ 255.0000, 0.0000,
0.0000

■ 141.5050,
-69.7620, 22.3591

■ 225.6580,
-71.8094, 25.7329

■ 118.1590,
-58.2524, 17.4006

■ 238.3560,
-63.7725, 14.5968

■ 95.1120, -46.8902,
13.0568

■ 241.6620,
-51.1054, 11.6974

■ 72.6520, -35.8174,
8.1982

■ 244.8540,
-38.8750, 8.8980

■ 51.3770, -25.3289,
4.0544

■ 248.1600,
-26.2079, 5.9987

■ 31.5750, -15.5665,
-0.5043

■ 251.4660,

■ 10.5660, -5.2090,

-13.5407, 3.0993

-9.2664

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 166.3240,
-81.9977, 26.9029

■ 169.1910,
-73.5512, 24.3885

■ 172.5310,
-65.8308, 21.4593

■ 175.3980,
-57.3842, 18.9450

■ 178.8520,
-49.2270, 15.9158

■ 181.7190,
-40.7805, 13.4014

■ 184.4720,
-32.7707, 10.9871

■ 187.9260,
-24.6135, 7.9579

■ 190.7930,
-16.1669, 5.4435

■ 194.1330, -8.4466,
2.5144

Harmonies

Analogous

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



173.5510, -65.8406, 71.4308



166.3240, -81.9977, 26.9029



160.6040, -50.0908, -33.8557

Triad

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



166.3240, -81.9977, 26.9029



152.9270, 50.3220, -134.1170



174.5350, 29.3162, 70.5678

Complementary

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



166.3240, -81.9977, 26.9029



30.6760, 81.9977, -26.9029

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.



180.7740, 36.5934, 23.0002



166.3240, -81.9977, 26.9029



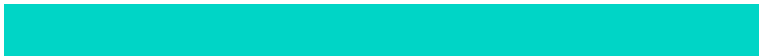
147.0570, 53.2159, -128.9690

Square

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



166.3240, -81.9977, 26.9029



147.6030, 24.8457, -129.4478



143.3790, 55.0292, -103.8184



159.5110, 2.2131, 83.7439

Rectangle

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



166.3240, -81.9977, 26.9029



140.9110, -19.1831, -100.7769



143.3790, 55.0292, -103.8184



182.7990, 35.5951, 63.3203

Sweetspot

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



166.3240, -81.9977, 26.9029



243.4010, -31.7497, 10.1723



60.7270, -22.0504, 119.5114



120.4080, -18.9351, 6.6582



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.



166.3240, -81.9977, 26.9029



215.3640, -106.1745, 34.7608



150.0240, -73.9618, -30.7160



97.9740, -3.9312, 0.8998



137.9610, -68.0148, 21.9592



30.1350, -14.8566, 5.1436

Inverse Universe

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



30.6760, 81.9977, -26.9029



39.6360, 106.1745, -34.7608



46.9760, 73.9618, 30.7160



91.0260, 3.9312, -0.8998



25.6260, 67.7254, -22.4740



5.8650, 14.8566, -5.1436

Previews

White Background



This preview shows how the YUV color 166.3240, -81.9977, 26.9029 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 YUV color 166.3240, -81.9977, 26.9029 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](#).

YUV 166.3240, -81.9977, 26.9029

Background



This preview shows how black text looks on a background with the YUV color 166.3240, -81.9977, 26.9029.

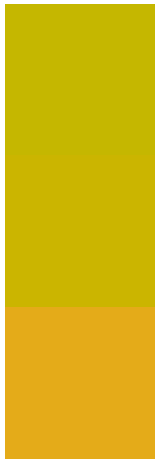


This preview shows how white text looks on a background with the YUV color 166.3240, -81.9977, 26.9029.

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

166.3240, -81.9977, 26.9029

Protanopia

166.9440, -82.3034, 31.6211

Deuteranopia

171.3990, -72.1747, 49.6391



Tritanopia

182.8440, 0.0769, 22.0618

Trichromacy



Original Color

166.3240, -81.9977, 26.9029

Protanomaly

166.9330, -82.2980, 29.8768

Deuteranomaly

169.4320, -75.6420, 41.7171

Tritanomaly

176.9450, -30.0459, 23.7272

Monochromacy



Original Color

166.3240, -81.9977, 26.9029

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9710, -29.5657, 9.6724

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3240, -81.9977, 26.9029 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(197, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 183, 0)  
}
```

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(197, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 183, 0) }
```

Border

The CSS property to change the border of an element to YUV 166.3240, -81.9977, 26.9029 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(197, 183, 0) }
```


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

```
.border{ border-color:rgb(197, 183, 0) }
```

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

Here you see how a box with a 4 pixel rgb(197, 183, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 183,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 166.3240, -81.9977, 26.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 183, 0) }
```

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

```
.background{ background-color: rgb(197,  
183, 0) }
```

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