

Converting Colors

YUV(166.9800, 13.8139, 2.6485)

Have a look what the booklet for
YUV(166.9800, 13.8139, 2.6485)
contains.

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Color

**YUV(166.9800, 13.8139,
2.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA0C3
RGB	170, 160, 195
RGB Percent	67%, 63%, 76%
CMY	0.3333, 0.3725, 0.2353
CMYK	0.13, 0.18, 0.00, 0.24
HSL	257°, 23%, 70%
HSV	257°, 18%, 76%
XYZ	38.9987, 37.6278, 56.8372
YIQ	166.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

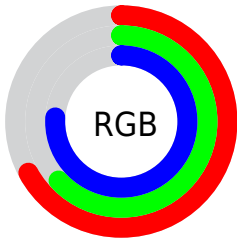
Format	Color
RYB	170, 160, 195
Decimal	11182275
CIELab	67.75, 10.57, -16.65
CIELCh	68, 19.719, 302.414
Yxy	37.6278, 0.2922, 0.2819
Android (android.graphics.Color)	4289372355 (0xFFAAA0C3)
YUV	166.9800, 13.8139, 2.6485
Hunter-Lab	61.3415, 6.1362, -11.9973

Details

The YUV color $166.9800, 13.8139, 2.6485$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.0200, -13.8139, -2.6485$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.2080, 14.6875, 2.4486$, and $115.3390, 12.6509, 2.3337$ is the 20% darker color. If you saturate the color by 10%, you get $151.6410, 21.3760, 3.8228$, and if you desaturate by 10%, it is $182.9060, 5.9623, 0.9594$.

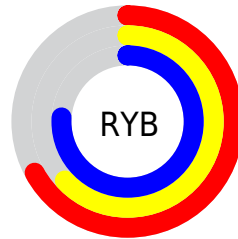
Distribution



Red (67%)

Green (63%)

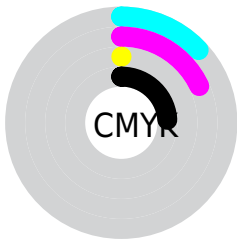
Blue (76%)



Red (67%)

Yellow (63%)

Blue (76%)

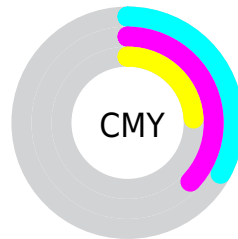


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9800, 13.8139, 2.6485 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 166.9800, 13.8139, 2.6485 by changing the saturation by 10% instead.

■ 166.9800, 13.8139,
2.6485

■ 166.9800, 13.8139,
2.6485

255.0000, 0.0000,
0.0000

■ 140.5670, 13.5245,
2.1337

■ 222.2080, 14.6875,
2.4486

■ 115.3390, 12.6509,
2.3337

■ 247.6570, 3.6201,
5.5628

■ 90.3390, 12.6509,
2.3337

■ 66.8120, 11.9247,
1.9189

■ 44.2850, 11.1985,
1.5041

■ 23.4590, 10.6197,
0.4745

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 166.9800, 13.8139,
2.6485

■ 166.9800, 13.8139,
2.6485

■ 151.6410, 21.3760,
3.8228

■ 182.9060, 5.9623,
0.9594

■ 135.7150, 29.2275,
5.5119

■ 198.2450, -1.5998,
-0.2149

■ 120.3760, 36.7896,
6.6862

■ 214.1710, -9.4513,
-1.9040

■ 104.4500, 44.6411,
8.3753

■ 229.5100,
-17.0134, -3.0783

■ 89.1110, 52.2033,
9.5497

■ 243.6750,
-23.9968, -3.2230

■ 73.1850, 60.0548,
11.2388

■ 247.8610,
-26.0605, 5.3839

■ 57.8460, 67.6169,
12.4131

■ 248.1600,
-26.2079, 5.9987

■ 42.2190, 75.3210,
14.7169

■ 38.9740, 76.9208,
14.9318

Harmonies

Analogous

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



163.8960, 17.7993, -15.6948



166.9800, 13.8139, 2.6485



168.2440, 6.7817, 18.2030

Triad

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



166.9800, 13.8139, 2.6485



165.7290, -15.6424, 23.9167



158.1270, 3.8814, -31.6834

Complementary

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



166.9800, 13.8139, 2.6485



188.0200, -13.8139, -2.6485

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.



160.2720, -6.0501, -19.5325



166.9800, 13.8139, 2.6485



164.0110, -16.7674, 11.3914

Square

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



166.9800, 13.8139, 2.6485



167.2550, -9.9857, 29.5944



162.4220, -13.5190, -3.8781



158.2710, 12.1914, -37.0717

Rectangle

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



166.9800, 13.8139, 2.6485



168.3930, 0.7923, 25.9653



162.4220, -13.5190, -3.8781



158.6390, 0.6710, -28.6244

Sweetspot

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



166.9800, 13.8139, 2.6485



242.2650, 4.7994, 0.6446



178.6650, 8.0532, -16.3692



121.5100, 3.1996, 0.4297



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.



166.9800, 13.8139, 2.6485



208.0540, 21.6654, 4.3376



172.0630, 11.3079, 13.0997



89.0370, 3.9258, 0.8446



32.1080, 63.5438, 12.1833



6.4530, 13.0877, 2.2337

Inverse Universe

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



173.3150, 5.7607, 19.0177



218.0050, 9.3645, 29.8136



182.9370, -11.3079, -13.0997



90.7880, 1.5835, 5.4479



61.2490, 26.4992, 87.4816



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 166.9800, 13.8139, 2.6485 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 166.9800, 13.8139, 2.6485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

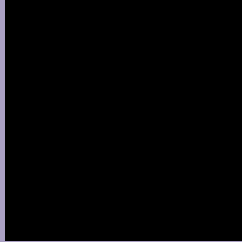
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9800, 13.8139, 2.6485

Background



This preview shows how black text looks on a background with the YUV color 166.9800, 13.8139, 2.6485.



This preview shows how white text looks on a background with the YUV color 166.9800, 13.8139,

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

166.9800, 13.8139, 2.6485

Protanopia

165.9680, 15.2988, -6.9879

Deuteranopia

166.6700, 13.9667, 0.2894



Tritanopia

165.6780, 5.0887, 1.1594

Trichromacy



Original Color

166.9800, 13.8139, 2.6485

Protanomaly

166.4630, 14.5617, -3.9141

Deuteranomaly

166.9690, 13.8193, 0.9042

Tritanomaly

166.1880, 8.2883, 1.5891

Monochromacy



Original Color

166.9800, 13.8139, 2.6485

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9800, 13.8139, 2.6485 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(170, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(170, 160, 195)  
}
```

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(170, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 160, 195) }
```

Border

The CSS property to change the border of an element to YUV 166.9800, 13.8139, 2.6485 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(170, 160, 195) }
```


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

```
.border{ border-color:rgb(170, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(170, 160,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 166.9800, 13.8139, 2.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 160, 195) }
```

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

```
.background{ background-color: rgb(170,  
160, 195) }
```

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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