

Converting Colors

YUV(167.5670, 13.5245, 2.1337)

Have a look what the booklet for
YUV(167.5670, 13.5245, 2.1337)
contains.

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Color

**YUV(167.5670, 13.5245,
2.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA1C3
RGB	170, 161, 195
RGB Percent	67%, 63%, 76%
CMY	0.3333, 0.3686, 0.2353
CMYK	0.13, 0.17, 0.00, 0.24
HSL	256°, 22%, 70%
HSV	256°, 17%, 76%
XYZ	39.1728, 37.9759, 56.8952
YIQ	167.5670, -5.5500, 12.4820

Conversions

Conversions Part 2

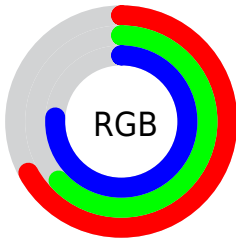
Format	Color
R _Y B	170, 161, 195
Decimal	11182531
CIE Lab	68.00, 10.01, -16.26
CIE LCh	68, 19.093, 301.627
Yxy	37.9759, 0.2922, 0.2833
Android (android.graphics.Color)	4289372611 (0xFFAAA1C3)
YUV	167.5670, 13.5245, 2.1337
Hunter-Lab	61.6246, 5.6236, -11.6026

Details

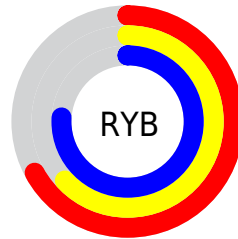
The YUV color $167.5670, 13.5245, 2.1337$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.4330, -13.5245, -2.1337$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.7950, 14.3981, 1.9338$, and $115.3390, 12.6509, 2.3337$ is the 20% darker color. If you saturate the color by 10%, you get $152.2280, 21.0866, 3.3080$, and if you desaturate by 10%, it is $183.4930, 5.6730, 0.4446$.

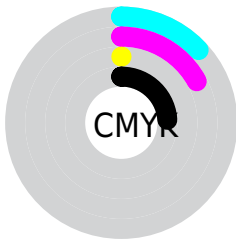
Distribution



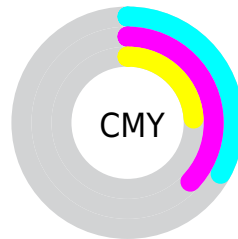
- Red (67%)
- Green (63%)
- Blue (76%)



- Red (67%)
- Yellow (63%)
- Blue (76%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5670, 13.5245, 2.1337 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 167.5670, 13.5245, 2.1337 by changing the saturation by 10% instead.

■ 167.5670, 13.5245,
2.1337

■ 167.5670, 13.5245,
2.1337

■ 255.0000, 0.0000,
0.0000

■ 141.1540, 13.2351,
1.6189

■ 222.7950, 14.3981,
1.9338

■ 115.3390, 12.6509,
2.3337

■ 248.2440, 3.3307,
5.0480

■ 90.9260, 12.3615,
1.8189

■ 67.3990, 11.6353,
1.4041

■ 44.8720, 10.9091,
0.9893

■ 24.0460, 10.3303,
-0.0403

■ 2.8500, 10.9200,

-2.4994

0.0000, 0.0000,
0.0000

167.5670, 13.5245,
2.1337

167.5670, 13.5245,
2.1337

152.2280, 21.0866,
3.3080

183.4930, 5.6730,
0.4446

136.0030, 29.0855,
4.3824

199.1310, -2.0366,
-0.1149

120.6640, 36.6476,
5.5567

214.4700, -9.5987,
-1.2892

104.7380, 44.4992,
7.2458

230.3960,
-17.4502, -2.9783

89.1000, 52.2087,
7.8053

244.2730,
-24.2916, -1.9934

■ 73.1740, 60.0602,
9.4944

■ 248.1600,
-26.2079, 5.9987

■ 57.2480, 67.9117,
11.1835

■ 41.6100, 75.6213,
11.7430

■ 37.7780, 77.5104,
12.4727

Harmonies

Analogous

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



164.7820, 17.3625, -15.5948



167.5670, 13.5245, 2.1337



168.8310, 6.4923, 17.6882

Triad

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



167.5670, 13.5245, 2.1337



166.5440, -15.0582, 23.2019



159.3120, 3.2972, -30.9686

Complementary

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



167.5670, 13.5245, 2.1337



188.4330, -13.5245, -2.1337

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.



160.9840, -5.9081, -18.4030



167.5670, 13.5245, 2.1337



165.0110, -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.



167.5670, 13.5245, 2.1337



167.9560, -9.8383, 28.9796



162.8350, -13.2297, -3.3633



159.1680, 11.7492, -35.2273

Rectangle

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



167.5670, 13.5245, 2.1337



168.7950, 1.0871, 24.7358



162.8350, -13.2297, -3.3633



159.5360, 0.2288, -26.7801

Sweetspot

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



167.5670, 13.5245, 2.1337



242.2650, 4.7994, 0.6446



180.1380, 7.3270, -16.7840



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.



167.5670, 13.5245, 2.1337



209.2280, 21.0866, 3.3080



172.6500, 11.0186, 12.5850



89.0370, 3.9258, 0.8446



31.2110, 63.9860, 10.3390



6.4530, 13.0877, 2.2337

Inverse Universe

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



174.0160, 5.9081, 18.4030



219.2930, 9.2226, 28.6840



183.6490, -11.1660, -11.9702



90.7880, 1.5835, 5.4479



61.5910, 27.8096, 87.1817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 167.5670, 13.5245, 2.1337 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 167.5670, 13.5245, 2.1337 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 167.5670, 13.5245, 2.1337

Background



This preview shows how black text looks on a background with the YUV color 167.5670, 13.5245, 2.1337.



This preview shows how white text looks on a background with the YUV color 167.5670, 13.5245, 2.1337.

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

167.5670, 13.5245, 2.1337

Protanopia

166.2670, 15.1514, -6.3732

Deuteranopia

167.5560, 13.5299, 0.3894



Tritanopia

166.3790, 5.2362, 0.5446

Trichromacy



Original Color

167.5670, 13.5245, 2.1337

Protanomaly

166.7620, 14.4143, -3.2993

Deuteranomaly

167.8550, 13.3825, 1.0042

Tritanomaly

166.8890, 8.4357, 0.9743

Monochromacy



Original Color

167.5670, 13.5245, 2.1337

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5670, 13.5245, 2.1337 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, 161, 195)` looks like.

```
.text, #text, p{  
    color:rgb(170, 161, 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, 161, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 161, 195) }
```

Border

The CSS property to change the border of an element to YUV 167.5670, 13.5245, 2.1337 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, 161, 195) }
```


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

```
.border{ border-color:rgb(170, 161, 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, 161, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 161, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 161, 195);  
box-shadow:4px 4px 4px 4px rgb(170, 161,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 167.5670, 13.5245, 2.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 161, 195) }
```

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

```
.background{ background-color: rgb(170,  
161, 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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