

Converting Colors

YUV(167.7710, -69.8931,
17.7408)

Have a look what the booklet for
YUV(167.7710, -69.8931, 17.7408)
contains.

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Color

**YUV(167.7710, -69.8931,
17.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB91A
RGB	188, 185, 26
RGB Percent	74%, 73%, 10%
CMY	0.2627, 0.2745, 0.8980
CMYK	0.00, 0.02, 0.86, 0.26
HSL	59°, 76%, 42%
HSV	59°, 86%, 74%
XYZ	38.2745, 45.4639, 7.7354
YIQ	167.7710, 52.8270, -48.8130

Conversions

Conversions Part 2

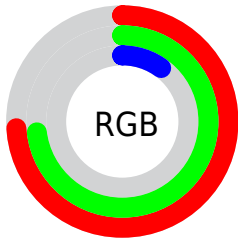
Format	Color
R_{YB}	29, 188, 26
Decimal	12368154
CIE _{Lab}	73.20, -15.24, 70.95
CIE _{LCh}	73, 72.572, 102.122
Yxy	45.4639, 0.4184, 0.4970
Android (android.graphics.Color)	4290558234 (0xFFBCB91A)
YUV	167.7710, -69.8931, 17.7408
Hunter-Lab	67.4269, -16.6727, 40.3969

Details

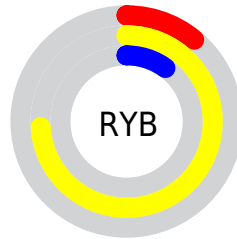
The YUV color **167.7710, -69.8931, 17.7408** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **46.2290, 69.8931, -17.7408**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8790, -66.9883, 19.4001**, and **116.3540, -57.3625, 11.9675** is the 20% darker color. If you saturate the color by 10%, you get **165.6050, -78.1923, 19.6404**, and if you desaturate by 10%, it is **169.9370, -61.5939, 15.8413**.

Distribution



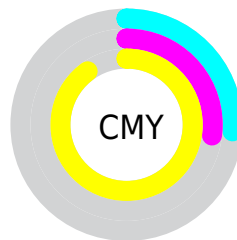
- Red (74%)
- Green (73%)
- Blue (10%)



- Red (11%)
- Yellow (74%)
- Blue (10%)



- Cyan (0%)
- Magenta (2%)
- Yellow (86%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7710, -69.8931, 17.7408 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 167.7710, -69.8931, 17.7408 by changing the saturation by 10% instead.

■ 167.7710,
-69.8931, 17.7408

■ 167.7710,
-69.8931, 17.7408

■ 255.0000, 0.0000,
0.0000

■ 140.2870,
-69.1615, 16.4113

■ 225.8790,
-66.9883, 19.4001

■ 116.3540,
-57.3625, 11.9675

■ 239.3820,
-59.8413, 13.6970

■ 93.6060, -46.1478,
8.2385

■ 242.5740,
-47.6110, 10.8976

■ 71.1460, -35.0750,
3.3800

■ 245.8800,
-34.9438, 7.9982

■ 49.8710, -24.5864,
-0.7639

■ 249.1860,
-22.2767, 5.0989

■ 29.7700, -14.6766,
-5.9373

■ 252.4920, -9.6096,

■ 11.1530, -5.4984,

2.1995

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 167.7710,
-69.8931, 17.7408

■ 167.7710,
-69.8931, 17.7408

■ 165.6050,
-78.1923, 19.6404

■ 169.9370,
-61.5939, 15.8413

■ 164.8070,
-81.2499, 20.3403

■ 172.6900,
-53.5842, 13.4269

■ 174.7420,
-45.7218, 11.6273

■ 176.9080,
-37.4226, 9.7277

■ 179.6610,
-29.4129, 7.3133

■ 181.8270,
-21.1137, 5.4137

■ 183.9930,
-12.8145, 3.5141

■ 186.6320, -5.2416,
1.1997

■ 188.7980, 3.0576,
-0.6998

Harmonies

Analogous

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



173.4360, -64.7979, 63.6386



167.7710, -69.8931, 17.7408



159.5090, -42.6489, -40.7884

Triad

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



167.7710, -69.8931, 17.7408



151.1660, 51.1902, -132.5726



173.7540, 23.7853, 71.2527

Complementary

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



167.7710, -69.8931, 17.7408



46.2290, 69.8931, -17.7408

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.



182.0030, 35.9875, 30.6924



167.7710, -69.8931, 17.7408



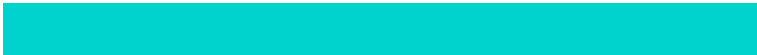
145.2960, 54.0841, -127.4246

Square

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



167.7710, -69.8931, 17.7408



147.3410, 28.9189, -129.2181



160.7650, 46.4579, -61.1839



161.4200, -3.1651, 82.0697

Rectangle

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



167.7710, -69.8931, 17.7408



133.9180, -9.8196, -117.4461



160.7650, 46.4579, -61.1839



180.2570, 30.9323, 65.5496

Sweetspot

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



167.7710, -69.8931, 17.7408



237.1170, -27.6657, 6.9134



75.0080, -21.6959, 99.0940



117.6680, -16.5983, 3.7992



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



167.7710, -69.8931, 17.7408



214.1350, -105.5686, 27.0686



146.8080, -59.5583, -30.5266



92.9740, -3.9312, 0.8998



138.2270, -68.1459, 17.3409



26.8790, -13.2513, 3.6141

Inverse Universe

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



46.2290, 69.8931, -17.7408



30.8650, 105.5686, -27.0686



67.1920, 59.5583, 30.5266



86.0260, 3.9312, -0.8998



19.7730, 68.1459, -17.3409



4.1210, 13.2513, -3.6141

Previews

White Background



This preview shows how the YUV color 167.7710, -69.8931, 17.7408 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 167.7710, -69.8931, 17.7408 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 167.7710, -69.8931, 17.7408

Background



This preview shows how black text looks on a background with the YUV color 167.7710, -69.8931, 17.7408.

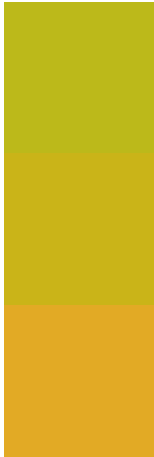


This preview shows how white text looks on a background with the YUV color 167.7710, -69.8931, 17.7408.

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

167.7710, -69.8931, 17.7408

Protanopia

168.7940, -71.3834, 29.1217

Deuteranopia

171.5820, -66.3489, 47.7246



Tritanopia

181.9680, 1.9878, 15.8141

Trichromacy



Original Color

167.7710, -69.8931, 17.7408

Protanomaly

168.5870, -70.7884, 24.9182

Deuteranomaly

169.8750, -67.4794, 36.9436

Tritanomaly

177.0950, -24.2038, 16.5797

Monochromacy



Original Color

167.7710, -69.8931, 17.7408

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.6870, -25.4817, 6.4135

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7710, -69.8931, 17.7408 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(188, 185, 26)` looks like.

```
.text, #text, p{  
    color:rgb(188, 185, 26)  
}
```

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(188, 185, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 26) }
```

Border

The CSS property to change the border of an element to YUV 167.7710, -69.8931, 17.7408 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(188, 185, 26) }
```


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

```
.border{ border-color:rgb(188, 185, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 185, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 185, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 185, 26);  
box-shadow:4px 4px 4px 4px rgb(188, 185,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 167.7710, -69.8931, 17.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 26) }
```

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

```
.background{ background-color: rgb(188,  
185, 26) }
```

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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