

Converting Colors

YUV(167.5660, -79.1590,
3.0116)

Have a look what the booklet for
YUV(167.5660, -79.1590, 3.0116)
contains.

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Color

**YUV(167.5660, -79.1590,
3.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC507
RGB	171, 197, 7
RGB Percent	67%, 77%, 3%
CMY	0.3294, 0.2275, 0.9725
CMYK	0.13, 0.00, 0.96, 0.23
HSL	68°, 93%, 40%
HSV	68°, 96%, 77%
XYZ	36.7992, 48.6058, 7.6433
YIQ	167.5660, 45.4940, -64.6020

Conversions

Conversions Part 2

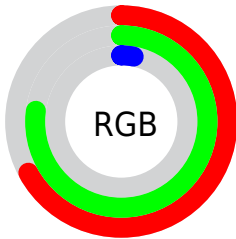
Format	Color
RYB	7, 197, 33
Decimal	11257095
CIELab	75.21, -28.71, 74.75
CIELCh	75, 80.070, 111.009
Yxy	48.6058, 0.3955, 0.5224
Android (android.graphics.Color)	4289447175 (0xFFABC507)
YUV	167.5660, -79.1590, 3.0116
Hunter-Lab	69.7178, -27.7885, 42.3024

Details

The YUV color **167.5660, -79.1590, 3.0116** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **36.4340, 79.1590, -3.0116**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4440, -70.7179, 2.2416**, and **118.0270, -58.1873, -3.5317** is the 20% darker color. If you saturate the color by 10%, you get **166.4690, -82.0692, 3.0967**, and if you desaturate by 10%, it is **170.7430, -70.8653, 2.8564**.

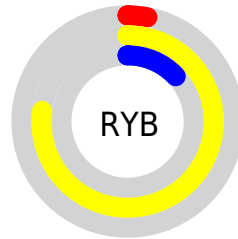
Distribution



Red (67%)

Green (77%)

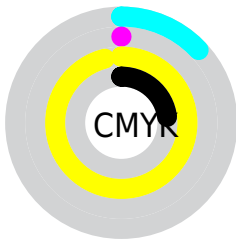
Blue (3%)



Red (3%)

Yellow (77%)

Blue (13%)

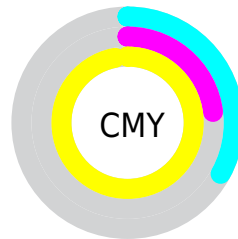


Cyan (13%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (33%)

Magenta (23%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5660, -79.1590, 3.0116 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 167.5660, -79.1590, 3.0116 by changing the saturation by 10% instead.

■ 167.5660,
-79.1590, 3.0116

■ 167.5660,
-79.1590, 3.0116

■ 255.0000, 0.0000,
0.0000

■ 142.2480,
-70.1283, -0.2175

■ 227.4440,
-70.7179, 2.2416

■ 118.0270,
-58.1873, -3.5317

■ 238.8120,
-62.0253, 14.1969

■ 94.9800, -46.8251,
-7.8755

■ 242.1180,
-49.3582, 11.2975

■ 71.9330, -35.4630,
-12.2192

■ 245.4240,
-36.6910, 8.3982

■ 49.1740, -24.2428,
-17.6926

■ 248.7300,
-24.0239, 5.4988

■ 27.0020, -13.3120,
-23.6808

■ 252.0360,

■ 15.8490, -7.8136,

-11.3567, 2.5994

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 167.5660,
-79.1590, 3.0116

■ 167.5660,
-79.1590, 3.0116

■ 166.4690,
-82.0692, 3.0967

■ 170.7430,
-70.8653, 2.8564

■ 173.5070,
-62.8610, 2.1864

■ 176.6840,
-54.5672, 2.0311

■ 179.8610,
-46.2735, 1.8759

■ 182.7390,
-37.8323, 1.1059

■ 185.8020,
-29.9754, 1.0506

■ 188.9790,
-21.6816, 0.8954

■ 192.1560,
-13.3879, 0.7402

■ 194.9200, -5.3836,
0.0702

Harmonies

Analogous

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



173.5990, -85.5843, 57.3567



167.5660, -79.1590, 3.0116



154.7760, -34.3996, -73.4716

Triad

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



167.5660, -79.1590, 3.0116



154.6880, 49.4538, -135.6614



166.6300, 21.8744, 77.5005

Complementary

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



167.5660, -79.1590, 3.0116



36.4340, 79.1590, -3.0116

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.



187.1850, 33.4328, 56.8428



167.5660, -79.1590, 3.0116



146.4700, 53.5053, -128.4542

Square

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



167.5660, -79.1590, 3.0116



155.4570, 39.7077, -136.3358



173.0570, 40.3979, -30.7450



158.7810, -10.7380, 84.3841

Rectangle

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



167.5660, -79.1590, 3.0116



142.0680, -3.9775, -124.5936



173.0570, 40.3979, -30.7450



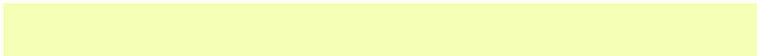
173.4750, 30.3318, 71.4974

Sweetspot

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



167.5660, -79.1590, 3.0116



243.5740, -30.8490, 1.2506



78.4850, -35.2421, 103.9377



120.7770, -18.6241, 0.1956



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.



167.5660, -79.1590, 3.0116



215.4650, -106.2242, 3.9772



139.4600, -65.3028, -54.7774



97.6750, -3.7838, 0.2850



137.8400, -67.9551, 2.7713



30.4010, -14.9877, 0.5253

Inverse Universe

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



36.4340, 79.1590, -3.0116



39.5350, 106.2242, -3.9772



64.5400, 65.3028, 54.7774



91.3250, 3.7838, -0.2850



25.1600, 67.9551, -2.7713



5.5990, 14.9877, -0.5253

Previews

White Background



This preview shows how the YUV color 167.5660, -79.1590, 3.0116 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 167.5660, -79.1590, 3.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

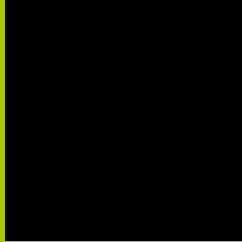
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.5660, -79.1590, 3.0116

Background



This preview shows how black text looks on a background with the YUV color 167.5660, -79.1590, 3.0116.



This preview shows how white text looks on a background with the YUV color 167.5660, -79.1590,

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

167.5660, -79.1590, 3.0116

Protanopia

171.0860, -84.3454, 33.2506

Deuteranopia

176.2680, -70.1381, 49.7540



Tritanopia

185.6070, 6.1097, 0.3447

Trichromacy



Original Color

167.5660, -79.1590, 3.0116

Protanomaly

169.5900, -82.1289, 22.2846

Deuteranomaly

172.9470, -73.4309, 32.4955

Tritanomaly

179.1810, -24.7392, 1.5953

Monochromacy



Original Color

167.5660, -79.1590, 3.0116

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0300, -29.1018, 0.8507

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5660, -79.1590, 3.0116 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(171, 197, 7)` looks like.

```
.text, #text, p{  
    color:rgb(171, 197, 7)  
}
```

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(171, 197, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 197, 7) }
```

Border

The CSS property to change the border of an element to YUV 167.5660, -79.1590, 3.0116 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(171, 197, 7) }
```


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

```
.border{ border-color:rgb(171, 197, 7) }
```

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

Here you see how a box with a 4 pixel rgb(171, 197, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 197, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 197, 7);  
box-shadow:4px 4px 4px 4px rgb(171, 197,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 167.5660, -79.1590, 3.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 197, 7) }
```

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

```
.background{ background-color: rgb(171,  
197, 7) }
```

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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