

Converting Colors

YUV(163.3240, -68.6867,
4.1009)

Have a look what the booklet for
YUV(163.3240, -68.6867, 4.1009)
contains.

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Color

**YUV(163.3240, -68.6867,
4.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BC18
RGB	168, 188, 24
RGB Percent	66%, 74%, 9%
CMY	0.3412, 0.2627, 0.9059
CMYK	0.11, 0.00, 0.87, 0.26
HSL	67°, 77%, 42%
HSV	67°, 87%, 74%
XYZ	34.2965, 44.3572, 7.6183
YIQ	163.3240, 40.7240, -55.2440

Conversions

Conversions Part 2

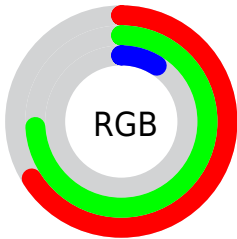
Format	Color
R _Y B	24, 188, 44
Decimal	11058200
CIE Lab	72.47, -25.36, 70.12
CIE LCh	72, 74.560, 109.882
Yxy	44.3572, 0.3975, 0.5142
Android (android.graphics.Color)	4289248280 (0xFFA8BC18)
YUV	163.3240, -68.6867, 4.1009
Hunter-Lab	66.6012, -24.6329, 39.8388

Details

The YUV color **163.3240, -68.6867, 4.1009** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **48.6760, 68.6867, -4.1009**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2470, -65.1978, 5.0454**, and **112.4340, -55.4300, -1.2576** is the 20% darker color. If you saturate the color by 10%, you get **160.5600, -76.6911, 4.7709**, and if you desaturate by 10%, it is **166.0880, -60.6824, 3.4308**.

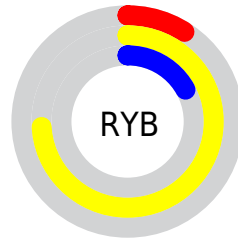
Distribution



Red (66%)

Green (74%)

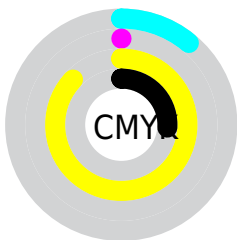
Blue (9%)



Red (9%)

Yellow (74%)

Blue (17%)

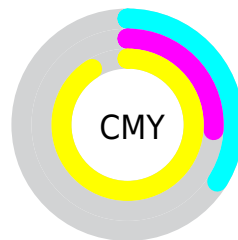


Cyan (11%)

Magenta (0%)

Yellow (87%)

Black (26%)



Cyan (34%)

Magenta (26%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3240, -68.6867, 4.1009 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 163.3240, -68.6867, 4.1009 by changing the saturation by 10% instead.

■ 163.3240,
-68.6867, 4.1009

■ 163.3240,
-68.6867, 4.1009

■ 255.0000, 0.0000,
0.0000

■ 136.0680,
-67.0815, 2.5714

■ 221.2470,
-65.1978, 5.0454

■ 112.4340,
-55.4300, -1.2576

■ 239.2680,
-60.2781, 13.7970

■ 89.6860, -44.2152,
-4.9866

■ 242.4600,
-48.0478, 10.9976

■ 66.9380, -33.0004,
-8.7156

■ 245.7660,
-35.3806, 8.0982

■ 45.0650, -22.2170,
-14.0890

■ 249.0720,
-22.7135, 5.1989

■ 23.4800, -11.5756,
-20.5920

■ 252.3780,

■ 9.3920, -4.6303,

-10.0464, 2.2995

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 163.3240,
-68.6867, 4.1009

■ 163.3240,
-68.6867, 4.1009

■ 160.5600,
-76.6911, 4.7709

■ 166.0880,
-60.6824, 3.4308

■ 159.6910,
-78.7277, 4.6560

■ 169.1510,
-52.8254, 3.3756

■ 171.8010,
-45.2579, 2.8055

■ 174.5650,
-37.2535, 2.1355

■ 177.3290,
-29.2492, 1.4655

■ 180.3920,
-21.3923, 1.4102

■ 183.1560,
-13.3879, 0.7402

■ 185.8060, -5.8204,
0.1701

■ 188.8690, 2.0366,
0.1149

Harmonies

Analogous

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



168.7910, -73.3540, 54.5573



163.3240, -68.6867, 4.1009



151.4830, -33.2691, -62.6906

Triad

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



163.3240, -68.6867, 4.1009



149.4050, 52.0583, -131.0282



165.8320, 18.8168, 78.2003

Complementary

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



163.3240, -68.6867, 4.1009



48.6760, 68.6867, -4.1009

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.



181.5260, 36.2227, 48.6507



163.3240, -68.6867, 4.1009



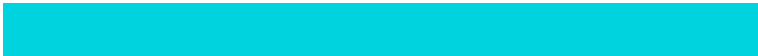
141.7740, 55.8204, -124.3358

Square

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



163.3240, -68.6867, 4.1009



148.5780, 36.1970, -130.3029



167.4420, 43.1661, -31.9596



158.0800, -10.8854, 84.9988

Rectangle

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



163.3240, -68.6867, 4.1009



136.1010, -3.9938, -119.3606



167.4420, 43.1661, -31.9596



172.4490, 26.4006, 72.3972

Sweetspot

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



163.3240, -68.6867, 4.1009



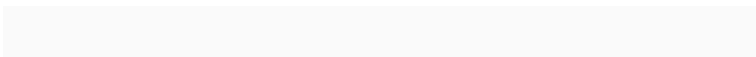
235.3120, -26.7758, 1.4804



84.1890, -29.6732, 91.0422



116.4720, -16.0087, 1.3401



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.



163.3240, -68.6867, 4.1009



208.1000, -102.5933, 6.0513



139.1050, -56.7468, -45.6961



92.6750, -3.7838, 0.2850



134.3070, -66.2134, 4.1158



26.2700, -12.9511, 0.6402

Inverse Universe

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



48.6760, 68.6867, -4.1009



36.9000, 102.5933, -6.0513



72.8950, 56.7468, 45.6961



86.3250, 3.7838, -0.2850



23.6930, 66.2134, -4.1158



4.7300, 12.9511, -0.6402

Previews

White Background



This preview shows how the YUV color 163.3240, -68.6867, 4.1009 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 163.3240, -68.6867, 4.1009 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 163.3240, -68.6867, 4.1009

Background



This preview shows how black text looks on a background with the YUV color 163.3240, -68.6867, 4.1009.



This preview shows how white text looks on a background with the YUV color 163.3240, -68.6867, 4.1009.

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

163.3240, -68.6867, 4.1009

Protanopia

166.6800, -71.8202, 29.2216

Deuteranopia

169.7390, -64.4543, 46.7099



Tritanopia

178.6890, 5.0833, 2.9037

Trichromacy



Original Color

163.3240, -68.6867, 4.1009

Protanomaly

165.5540, -70.7721, 19.6851

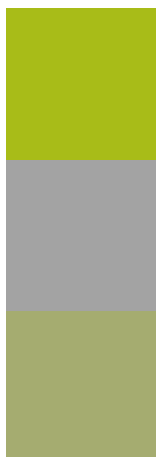
Deuteranomaly

167.2980, -65.7159, 31.3107

Tritanomaly

173.2890, -21.8345, 3.2545

Monochromacy



Original Color

163.3240, -68.6867, 4.1009

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0670, -25.1760, 1.6952

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3240, -68.6867, 4.1009 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(168, 188, 24)` looks like.

```
.text, #text, p{  
    color:rgb(168, 188, 24)  
}
```

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(168, 188, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 188, 24) }
```

Border

The CSS property to change the border of an element to YUV 163.3240, -68.6867, 4.1009 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(168, 188, 24) }
```


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

```
.border{ border-color:rgb(168, 188, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 188, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 188, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 188, 24);  
box-shadow:4px 4px 4px 4px rgb(168, 188,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 163.3240, -68.6867, 4.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 188, 24) }
```

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

```
.background{ background-color: rgb(168,  
188, 24) }
```

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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