

Converting Colors

YUV(138.3210, -67.2063,
42.6915)

Have a look what the booklet for
YUV(138.3210, -67.2063, 42.6915)
contains.

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Color

**YUV(138.3210, -67.2063,
42.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8C02
RGB	187, 140, 2
RGB Percent	73%, 55%, 1%
CMY	0.2667, 0.4510, 0.9922
CMYK	0.00, 0.25, 0.99, 0.27
HSL	45°, 98%, 37%
HSV	45°, 99%, 73%
XYZ	29.8826, 29.3253, 4.1428
YIQ	138.3210, 72.3100, -32.9540

Conversions

Conversions Part 2

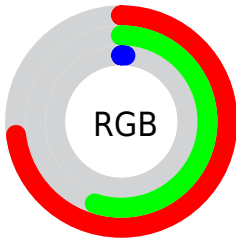
Format	Color
R_{YB}	65, 187, 2
Decimal	12291074
CIE Lab	61.07, 7.80, 65.61
CIE LCh	61, 66.069, 83.221
Yxy	29.3253, 0.4717, 0.4629
Android (android.graphics.Color)	4290481154 (0xFFBB8C02)
YUV	138.3210, -67.2063, 42.6915
Hunter-Lab	54.1529, 3.7320, 33.3712

Details

The YUV color **138.3210, -67.2063, 42.6915** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **50.6790, 67.2063, -42.6915**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6510, -60.9599, 45.9101**, and **91.4010, -45.0607, 32.9743** is the 20% darker color. If you saturate the color by 10%, you get **137.5060, -67.7905, 43.4062**, and if you desaturate by 10%, it is **143.4220, -60.3540, 38.2179**.

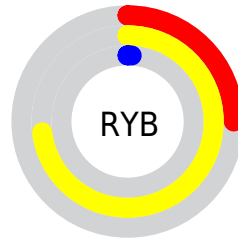
Distribution



Red (73%)

Green (55%)

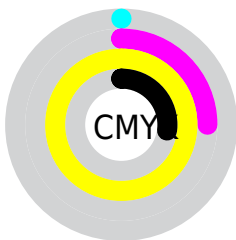
Blue (1%)



Red (25%)

Yellow (73%)

Blue (1%)

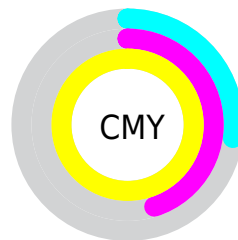


Cyan (0%)

Magenta (25%)

Yellow (99%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3210, -67.2063, 42.6915 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 138.3210, -67.2063, 42.6915 by changing the saturation by 10% instead.

■ 138.3210,
-67.2063, 42.6915

■ 138.3210,
-67.2063, 42.6915

■ 255.0000, 0.0000,
0.0000

■ 114.4480,
-56.4229, 37.3181

■ 195.6510,
-60.9599, 45.9101

■ 91.4010, -45.0607,
32.9743

■ 217.2580,
-58.3012, 33.0997

■ 69.2290, -34.1299,
26.9862

■ 236.8860,
-54.1738, 15.8860

■ 48.2420, -23.7833,
21.7128

■ 243.4860,
-44.1166, 10.0978

■ 28.7280, -14.1629,
16.0245

■ 246.6780,
-31.8863, 7.2984

■ 6.5780, -3.2430,
13.5251

■ 249.9840,

■ 0.0000, 0.0000,

-19.2191, 4.3990

0.0000

253.2900, -6.5520,
1.4997

138.3210,
-67.2063, 42.6915

138.3210,
-67.2063, 42.6915

137.5060,
-67.7905, 43.4062

143.4220,
-60.3540, 38.2179

148.4090,
-53.9386, 33.8443

152.9230,
-46.7970, 29.8855

158.0240,
-39.9448, 25.4120

163.0110,
-33.5294, 21.0384

■ 168.1120,
-26.6772, 16.5648

■ 172.6260,
-19.5356, 12.6060

■ 177.7270,
-12.6834, 8.1324

■ 182.7140, -6.2680,
3.7588

Harmonies

Analogous

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



142.6050, -44.1753, 75.7684



138.3210, -67.2063, 42.6915



134.3800, -56.8823, -2.0873

Triad

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



138.3210, -67.2063, 42.6915



124.0260, 33.5112, -108.7708



151.3040, 32.8811, 47.0914

Complementary

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



138.3210, -67.2063, 42.6915



50.6790, 67.2063, -42.6915

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.



146.2550, 53.6113, -22.1486



138.3210, -67.2063, 42.6915



127.1500, 55.6351, -111.5105

Square

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



138.3210, -67.2063, 42.6915



117.1860, 7.3033, -102.7721



121.8160, 65.6597, -106.8326



144.6670, 9.0382, 87.9920

Rectangle

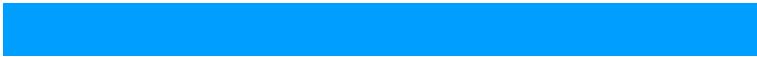
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.3210, -67.2063, 42.6915



129.1270, -36.5446, -38.6994



121.8160, 65.6597, -106.8326



151.7190, 40.0715, 27.4334

Sweetspot

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



138.3210, -67.2063, 42.6915



223.2260, -26.2404, 16.4648



62.9010, -5.8672, 108.8348



110.5270, -16.0358, 10.0618



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.



138.3210, -67.2063, 42.6915



178.6050, -88.0523, 55.5974



153.0530, -74.4691, -7.9395



91.8000, -3.3524, 1.9294



116.5080, -57.4384, 36.3885



22.7700, -11.2256, 7.2177

Inverse Universe

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



50.6790, 67.2063, -42.6915



63.9820, 87.7629, -56.1122



35.9470, 74.4691, 7.9395



87.2000, 3.3524, -1.9294



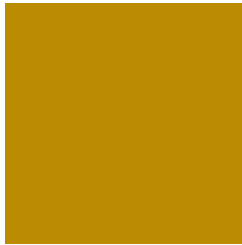
41.4920, 57.4384, -36.3885



8.2300, 11.2256, -7.2177

Previews

White Background



This preview shows how the YUV color 138.3210, -67.2063, 42.6915 looks on a white background.

Color Contrast Check

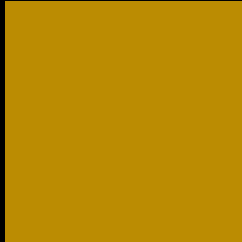
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3210, -67.2063, 42.6915 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 × Fail

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

YUV 138.3210, -67.2063, 42.6915 Background



This preview shows how black text looks on a background with the YUV color 138.3210, -67.2063, 42.6915.



This preview shows how white text looks on a background with the YUV color 138.3210, -67.2063,

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

138.3210, -67.2063, 42.6915

Protanopia

137.9490, -63.0789, 25.4777

Deuteranopia

138.2070, -67.6431, 42.7915



Tritanopia

150.2760, -5.0661, 38.3459

Trichromacy



Original Color

138.3210, -67.2063, 42.6915

Protanomaly

137.9390, -64.5529, 31.6255

Deuteranomaly

138.2070, -67.6431, 42.7915

Tritanomaly

146.0270, -27.6213, 39.4413

Monochromacy



Original Color

138.3210, -67.2063, 42.6915

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.3830, -24.3458, 15.4501

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3210, -67.2063, 42.6915 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(187, 140, 2)` looks like.

```
.text, #text, p{  
    color:rgb(187, 140, 2)  
}
```

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(187, 140, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 140, 2) }
```

Border

The CSS property to change the border of an element to YUV 138.3210, -67.2063, 42.6915 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(187, 140, 2) }
```


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

```
.border{ border-color:rgb(187, 140, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 140, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 140, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 140, 2);  
box-shadow:4px 4px 4px 4px rgb(187, 140,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 138.3210, -67.2063, 42.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 140, 2) }
```

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

```
.background{ background-color: rgb(187,  
140, 2) }
```

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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