

Converting Colors

YUV(138.4440, -63.8159,
28.5516)

Have a look what the booklet for
YUV(138.4440, -63.8159, 28.5516)
contains.

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Color

**YUV(138.4440, -63.8159,
28.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9309
RGB	171, 147, 9
RGB Percent	67%, 58%, 4%
CMY	0.3294, 0.4235, 0.9647
CMYK	0.00, 0.14, 0.95, 0.33
HSL	51°, 90%, 35%
HSV	51°, 95%, 67%
XYZ	27.2776, 29.5451, 4.5235
YIQ	138.4440, 58.6020, -37.8300

Conversions

Conversions Part 2

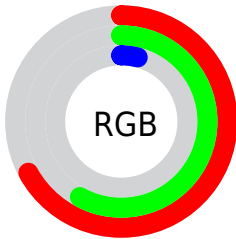
Format	Color
RYB	37, 171, 9
Decimal	11244297
CIELab	61.26, -3.21, 63.94
CIELCh	61, 64.018, 92.874
Yxy	29.5451, 0.4447, 0.4816
Android (android.graphics.Color)	4289434377 (0xFFAB9309)
YUV	138.4440, -63.8159, 28.5516
Hunter-Lab	54.3554, -5.5438, 33.1146

Details

The YUV color **138.4440, -63.8159, 28.5516** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **41.5560, 63.8159, -28.5516**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3070, -59.3114, 30.4258**, and **91.0250, -44.8753, 20.1491** is the 20% darker color. If you saturate the color by 10%, you get **136.8310, -67.4577, 29.9662**, and if you desaturate by 10%, it is **142.1430, -57.2585, 25.3076**.

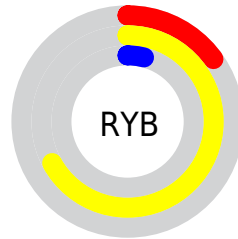
Distribution



Red (67%)

Green (58%)

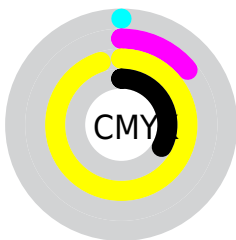
Blue (4%)



Red (15%)

Yellow (67%)

Blue (4%)

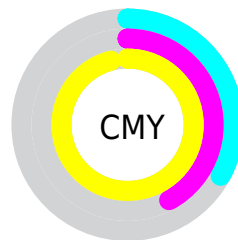


Cyan (0%)

Magenta (14%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4440, -63.8159, 28.5516 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 138.4440, -63.8159, 28.5516 by changing the saturation by 10% instead.

■ 138.4440,
-63.8159, 28.5516

■ 138.4440,
-63.8159, 28.5516

■ 255.0000, 0.0000,
0.0000

■ 113.4850,
-55.9481, 25.0077

■ 195.3070,
-59.3114, 30.4258

■ 91.0250, -44.8753,
20.1491

■ 222.4100,
-58.8691, 28.5814

■ 68.8640, -33.9500,
15.9053

■ 240.7500,
-54.5998, 12.4972

■ 47.8770, -23.6034,
10.6319

■ 243.9420,
-42.3694, 9.6979

■ 28.6620, -14.1304,
5.5584

■ 247.1340,
-30.1391, 6.8985

■ 4.1090, -2.0257,
-3.6036

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.7460, -4.8048,
1.0998

138.4440,
-63.8159, 28.5516

138.4440,
-63.8159, 28.5516

136.8310,
-67.4577, 29.9662

142.1430,
-57.2585, 25.3076

145.2550,
-50.4117, 22.5784

148.9540,
-43.8543, 19.3343

152.0660,
-37.0075, 16.6051

155.7650,
-30.4501, 13.3611

■ 158.9910,
-23.1666, 10.5319

■ 162.6900,
-16.6092, 7.2879

■ 165.8020, -9.7624,
4.5586

■ 169.5010, -3.2050,
1.3146

Harmonies

Analogous

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



142.7470, -49.6683, 64.2429



138.4440, -63.8159, 28.5516



133.6690, -45.1928, -18.1267

Triad

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



138.4440, -63.8159, 28.5516



125.2630, 40.7893, -109.8557



150.3290, 24.9808, 61.1015

Complementary

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



138.4440, -63.8159, 28.5516



41.5560, 63.8159, -28.5516

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.



150.4710, 46.1098, 3.9719



138.4440, -63.8159, 28.5516



126.3010, 59.9976, -110.7660

Square

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



138.4440, -63.8159, 28.5516



119.4660, 16.0393, -104.7717



118.8810, 67.1067, -104.2586



144.0990, 0.4442, 91.1212

Rectangle

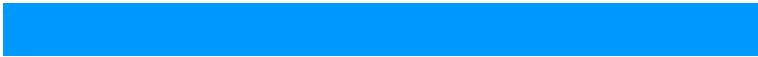
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.4440, -63.8159, 28.5516



124.2090, -24.2600, -58.9423



118.8810, 67.1067, -104.2586



151.7660, 32.1604, 44.9322

Sweetspot

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



138.4440, -63.8159, 28.5516



209.6490, -24.4770, 10.8318



60.1740, -13.3968, 97.1944



104.7330, -15.1514, 6.3732



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



138.4440, -63.8159, 28.5516



177.3210, -87.4193, 39.1835



135.4890, -62.3591, -18.8459



84.8000, -3.3524, 1.9294



119.9860, -59.1531, 26.3223



18.6170, -9.1782, 3.8439

Inverse Universe

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



41.5560, 63.8159, -28.5516



44.6790, 87.4193, -39.1835



44.5110, 62.3591, 18.8459



79.6130, 3.6418, -1.4146



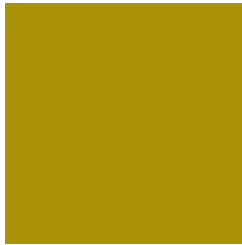
30.0140, 59.1531, -26.3223



4.3830, 9.1782, -3.8439

Previews

White Background



This preview shows how the YUV color 138.4440, -63.8159, 28.5516 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 138.4440, -63.8159, 28.5516 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 138.4440, -63.8159, 28.5516

Background



This preview shows how black text looks on a background with the YUV color 138.4440, -63.8159, 28.5516.

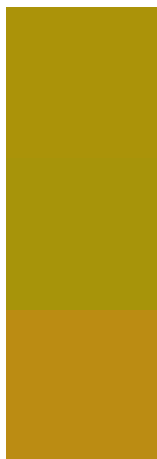


This preview shows how white text looks on a background with the YUV color 138.4440, -63.8159, 28.5516.

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

138.4440, -63.8159, 28.5516

Protanopia

137.9490, -63.0789, 25.4777

Deuteranopia

140.2590, -59.7807, 40.9919



Tritanopia

150.6980, -1.8231, 24.8209

Trichromacy



Original Color

138.4440, -63.8159, 28.5516

Protanomaly

138.2480, -63.2263, 26.0925

Deuteranomaly

139.7700, -61.5116, 36.1587

Tritanomaly

146.4490, -24.3784, 25.9162

Monochromacy



Original Color

138.4440, -63.8159, 28.5516

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9910, -23.1666, 10.5319

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4440, -63.8159, 28.5516 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, 147, 9)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 9)  
}
```

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, 147, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 9) }
```

Border

The CSS property to change the border of an element to YUV 138.4440, -63.8159, 28.5516 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, 147, 9) }
```


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

```
.border{ border-color:rgb(171, 147, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 147, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 9);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 138.4440, -63.8159, 28.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 9) }
```

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

```
.background{ background-color: rgb(171,  
147, 9) }
```

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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