

Converting Colors

YUV(139.1030, -63.1548,
49.8987)

Have a look what the booklet for
YUV(139.1030, -63.1548, 49.8987)
contains.

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Color

**YUV(139.1030, -63.1548,
49.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	C4870B
RGB	196, 135, 11
RGB Percent	77%, 53%, 4%
CMY	0.2314, 0.4706, 0.9569
CMYK	0.00, 0.31, 0.94, 0.23
HSL	40°, 89%, 41%
HSV	40°, 94%, 77%
XYZ	31.4893, 29.0879, 4.2715
YIQ	139.1030, 76.1600, -25.6320

Conversions

Conversions Part 2

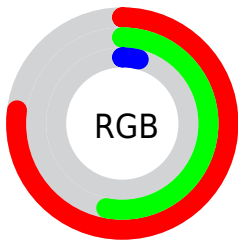
Format	Color
R_{YB}	102, 196, 11
Decimal	12879627
CIE Lab	60.86, 14.69, 64.56
CIE LCh	61, 66.208, 77.184
Yxy	29.0879, 0.4856, 0.4486
Android (android.graphics.Color)	4291069707 (0xFFC4870B)
YUV	139.1030, -63.1548, 49.8987
Hunter-Lab	53.9332, 9.8356, 33.0575

Details

The YUV color **139.1030, -63.1548, 49.8987** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **67.8970, 63.1548, -49.8987**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1510, -59.2344, 52.4876**, and **90.8580, -44.7930, 40.4665** is the 20% darker color. If you saturate the color by 10%, you get **135.5010, -66.8020, 53.0576**, and if you desaturate by 10%, it is **144.9050, -56.1552, 44.8103**.

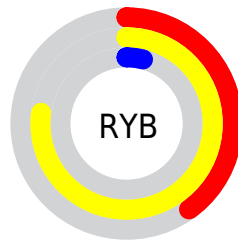
Distribution



Red (77%)

Green (53%)

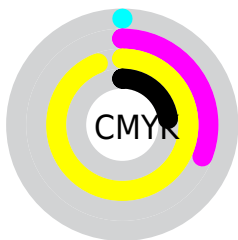
Blue (4%)



Red (40%)

Yellow (77%)

Blue (4%)

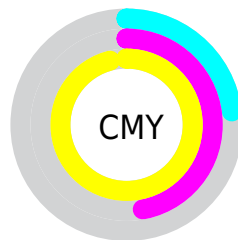


Cyan (0%)

Magenta (31%)

Yellow (94%)

Black (23%)



Cyan (23%)

Magenta (47%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1030, -63.1548, 49.8987 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 139.1030, -63.1548, 49.8987 by changing the saturation by 10% instead.

■ 139.1030,
-63.1548, 49.8987

■ 139.1030,
-63.1548, 49.8987

■ 255.0000, 0.0000,
0.0000

■ 114.2040,
-56.3026, 45.4251

■ 195.1510,
-59.2344, 52.4876

■ 90.8580, -44.7930,
40.4665

■ 214.6650,
-55.5438, 35.3738

■ 68.6860, -33.8622,
34.4784

■ 234.1790,
-51.8532, 18.2600

■ 47.4000, -23.3682,
28.5902

■ 243.8280,
-42.8062, 9.7978

■ 27.5870, -13.6004,
22.2872

■ 247.0200,
-30.5759, 6.9985

■ 8.9700, -4.4222,
18.4433

■ 250.2120,

■ 0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

139.1030,
-63.1548, 49.8987

139.1030,
-63.1548, 49.8987

135.5010,
-66.8020, 53.0576

144.9050,
-56.1552, 44.8103

151.1800,
-49.8817, 39.3071

156.9820,
-42.8821, 34.2188

163.2570,
-36.6087, 28.7156

169.0590,
-29.6091, 23.6273

■ 175.4480,
-22.8989, 18.0241

■ 181.1360,
-16.3360, 13.0357

■ 187.5250, -9.6258,
7.4326

■ 193.2130, -3.0630,
2.4442

Harmonies

Analogous

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



141.6040, -39.2448, 81.0313



139.1030, -63.1548, 49.8987



133.6110, -63.8982, 8.2342

Triad

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



139.1030, -63.1548, 49.8987



122.6580, 28.2696, -107.5711



151.0790, 37.4291, 35.0107

Complementary

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



139.1030, -63.1548, 49.8987



67.8970, 63.1548, -49.8987

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.



139.9320, 56.7285, -42.0364



139.1030, -63.1548, 49.8987



126.8250, 51.8513, -111.2255

Square

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



139.1030, -63.1548, 49.8987



114.5300, 2.2037, -100.4428



123.5770, 64.7915, -108.3770



145.3010, 14.1486, 82.1740

Rectangle

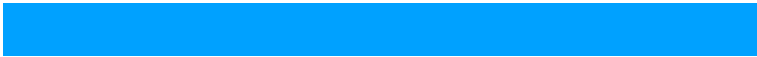
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.1030, -63.1548, 49.8987



130.4830, -43.1291, -26.7336



123.5770, 64.7915, -108.3770



150.4830, 44.6249, 13.6084

Sweetspot

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



139.1030, -63.1548, 49.8987



232.8180, -24.0673, 19.4536



73.3830, -0.1888, 107.5351



114.1790, -14.8782, 12.1210



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.



139.1030, -63.1548, 49.8987



176.6220, -87.0746, 68.7375



165.6410, -76.2380, -0.5622



94.0990, -3.4998, 2.5442



111.5350, -54.9868, 43.3808



22.7810, -11.2310, 8.9621

Inverse Universe

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



67.8970, 63.1548, -49.8987



78.3780, 87.0746, -68.7375



41.3590, 76.2380, 0.5622



89.9010, 3.4998, -2.5442



49.4650, 54.9868, -43.3808



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 139.1030, -63.1548, 49.8987 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 139.1030, -63.1548, 49.8987 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 139.1030, -63.1548, 49.8987

Background



This preview shows how black text looks on a background with the YUV color 139.1030, -63.1548, 49.8987.



This preview shows how white text looks on a background with the YUV color 139.1030, -63.1548,

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

139.1030, -63.1548, 49.8987

Protanopia

138.4480, -59.8739, 24.1631

Deuteranopia

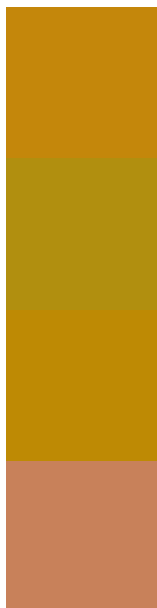
137.7940, -67.9324, 42.2767



Tritanopia

149.7500, -7.2717, 45.8233

Trichromacy



Original Color

139.1030, -63.1548, 49.8987

Protanomaly

138.5740, -60.9220, 33.6996

Deuteranomaly

138.2720, -66.1961, 45.3655

Tritanomaly

145.7830, -27.5010, 47.5483

Monochromacy



Original Color

139.1030, -63.1548, 49.8987

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.3340, -23.3357, 18.1241

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1030, -63.1548, 49.8987 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(196, 135, 11)` looks like.

```
.text, #text, p{  
    color:rgb(196, 135, 11)  
}
```

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(196, 135, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 135, 11) }
```

Border

The CSS property to change the border of an element to YUV 139.1030, -63.1548, 49.8987 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(196, 135, 11) }
```


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

```
.border{ border-color:rgb(196, 135, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 135, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 135, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 135, 11);  
box-shadow:4px 4px 4px 4px rgb(196, 135,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 139.1030, -63.1548, 49.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 135, 11) }
```

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

```
.background{ background-color: rgb(196,  
135, 11) }
```

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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