

Converting Colors

YUV(133.1010, -60.1958,
34.1144)

Have a look what the booklet for
YUV(133.1010, -60.1958, 34.1144)
contains.

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Color

**YUV(133.1010, -60.1958,
34.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	AC890B
RGB	172, 137, 11
RGB Percent	67%, 54%, 4%
CMY	0.3255, 0.4627, 0.9569
CMYK	0.00, 0.20, 0.94, 0.33
HSL	47°, 88%, 36%
HSV	47°, 94%, 67%
XYZ	26.0193, 26.6861, 4.0962
YIQ	133.1010, 61.3060, -31.7660

Conversions

Conversions Part 2

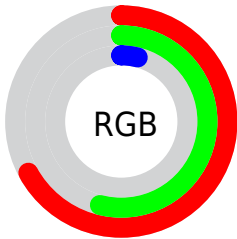
Format	Color
RYB	56, 172, 11
Decimal	11307275
CIELab	58.68, 2.75, 61.75
CIElCh	59, 61.810, 87.453
Yxy	26.6861, 0.4581, 0.4698
Android (android.graphics.Color)	4289497355 (0xFFAC890B)
YUV	133.1010, -60.1958, 34.1144
Hunter-Lab	51.6586, -0.4960, 31.4597

Details

The YUV color **133.1010, -60.1958, 34.1144** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **49.8990, 60.1958, -34.1144**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0350, -56.7123, 36.8033**, and **86.0410, -42.4182, 25.3970** is the 20% darker color. If you saturate the color by 10%, you get **130.6730, -64.4218, 36.2438**, and if you desaturate by 10%, it is **137.3870, -53.9278, 30.3556**.

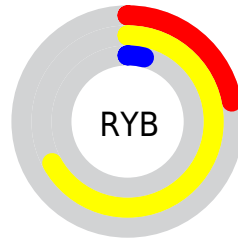
Distribution



Red (67%)

Green (54%)

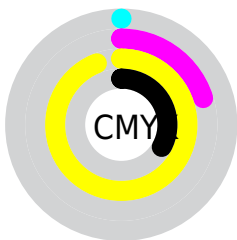
Blue (4%)



Red (22%)

Yellow (67%)

Blue (4%)

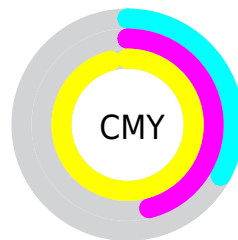


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1010, -60.1958, 34.1144 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 133.1010, -60.1958, 34.1144 by changing the saturation by 10% instead.

■ 133.1010,
-60.1958, 34.1144

■ 133.1010,
-60.1958, 34.1144

■ 255.0000, 0.0000,
0.0000

■ 108.5010,
-53.4910, 30.2556

■ 189.0350,
-56.7123, 36.8033

■ 86.0410, -42.4182,
25.3970

■ 215.7250,
-56.5594, 34.4442

■ 64.1680, -31.6348,
20.0237

■ 235.2390,
-52.8688, 17.3304

■ 43.1810, -21.2882,
14.7503

■ 243.7140,
-43.2430, 9.8978

■ 24.2650, -11.9626,
10.2916

■ 246.9060,
-31.0127, 7.0984

■ 0.0000, 0.0000,
0.0000

■ 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

133.1010,
-60.1958, 34.1144

133.1010,
-60.1958, 34.1144

130.6730,
-64.4218, 36.2438

137.3870,
-53.9278, 30.3556

141.0860,
-47.3704, 27.1116

145.4860,
-40.6656, 23.2528

149.7720,
-34.3976, 19.4940

154.0580,
-28.1296, 15.7351

■ 157.7570,
-21.5722, 12.4911

■ 162.0430,
-15.3042, 8.7323

■ 166.4430, -8.5994,
4.8735

■ 170.7290, -2.3314,
1.1147

Harmonies

Analogous

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



137.2510, -44.0007, 66.4319



133.1010, -60.1958, 34.1144



129.0400, -47.8407, -8.8051

Triad

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



133.1010, -60.1958, 34.1144



119.1020, 34.9527, -104.4525



144.2460, 27.4867, 50.6503

Complementary

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



133.1010, -60.1958, 34.1144



49.8990, 60.1958, -34.1144

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.



142.3230, 47.1688, -9.0533



133.1010, -60.1958, 34.1144



120.9550, 54.7452, -106.0775

Square

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



133.1010, -60.1958, 34.1144



112.8320, 10.9288, -98.9537



115.9630, 66.0802, -101.6996



138.7930, 4.5391, 84.3735

Rectangle

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



133.1010, -60.1958, 34.1144



122.0430, -29.1082, -43.8877



115.9630, 66.0802, -101.6996



144.9710, 34.5243, 33.3514

Sweetspot

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



133.1010, -60.1958, 34.1144



209.3010, -23.3194, 12.8910



63.4710, -7.1342, 95.1799



102.9720, -14.2832, 7.9176



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.



133.1010, -60.1958, 34.1144



170.2880, -83.9520, 47.1054



140.7890, -63.9860, -10.3390



84.8000, -3.3524, 1.9294



114.1160, -56.2592, 31.4703



17.4430, -8.5994, 4.8735

Inverse Universe

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



49.8990, 60.1958, -34.1144



54.2990, 83.6626, -47.6202



42.2110, 63.9860, 10.3390



80.2000, 3.3524, -1.9294



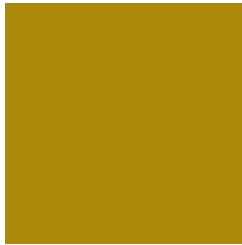
36.4710, 55.9698, -31.9851



5.5570, 8.5994, -4.8735

Previews

White Background



This preview shows how the YUV color 133.1010, -60.1958, 34.1144 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 133.1010, -60.1958, 34.1144 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 133.1010, -60.1958, 34.1144 Background



This preview shows how black text looks on a background with the YUV color 133.1010, -60.1958, 34.1144.



This preview shows how white text looks on a background with the YUV color 133.1010, -60.1958,

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

133.1010, -60.1958, 34.1144

Protanopia

132.6760, -59.0003, 23.9631

Deuteranopia

133.8890, -58.6123, 39.5623



Tritanopia

143.6880, -3.2972, 30.9686

Trichromacy



Original Color

133.1010, -60.1958, 34.1144

Protanomaly

132.5840, -59.4479, 27.5518

Deuteranomaly

133.4650, -58.8962, 37.3032

Tritanomaly

139.8950, -24.1052, 31.6641

Monochromacy



Original Color

133.1010, -60.1958, 34.1144

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7570, -21.5722, 12.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1010, -60.1958, 34.1144 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(172, 137, 11)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 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(172, 137, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 11) }
```

Border

The CSS property to change the border of an element to YUV 133.1010, -60.1958, 34.1144 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(172, 137, 11) }
```


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

```
.border{ border-color:rgb(172, 137, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 137, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 11);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 133.1010, -60.1958, 34.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 11) }
```

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

```
.background{ background-color: rgb(172,  
137, 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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