

Converting Colors

YUV(133.9070, -45.8032,
37.7926)

Have a look what the booklet for
YUV(133.9070, -45.8032, 37.7926)
contains.

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Color

**YUV(133.9070, -45.8032,
37.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	B18229
RGB	177, 130, 41
RGB Percent	69%, 51%, 16%
CMY	0.3059, 0.4902, 0.8392
CMYK	0.00, 0.27, 0.77, 0.31
HSL	39°, 62%, 43%
HSV	39°, 77%, 69%
XYZ	26.5143, 25.4725, 5.6170
YIQ	133.9070, 56.5810, -17.7150

Conversions

Conversions Part 2

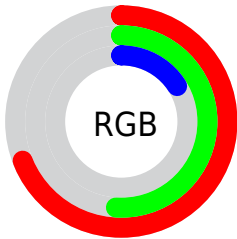
Format	Color
R_{YB}	113, 177, 41
Decimal	11633193
CIE _{Lab}	57.53, 9.75, 52.33
CIE _{LCh}	58, 53.229, 79.446
Yxy	25.4725, 0.4603, 0.4422
Android (android.graphics.Color)	4289823273 (0xFFB18229)
YUV	133.9070, -45.8032, 37.7926
Hunter-Lab	50.4703, 5.4512, 28.7306

Details

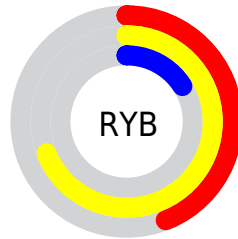
The YUV color **133.9070, -45.8032, 37.7926** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **84.0930, 45.8032, -37.7926**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5870, -47.1244, 41.5812**, and **83.4270, -41.1295, 32.0745** is the 20% darker color. If you saturate the color by 10%, you get **128.3330, -51.9292, 42.6810**, and if you desaturate by 10%, it is **139.4810, -39.6771, 32.9042**.

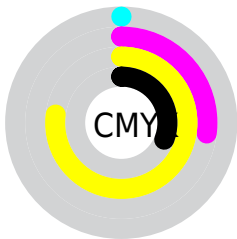
Distribution



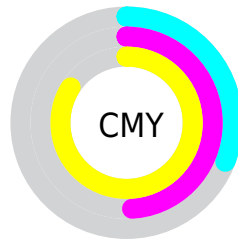
- Red (69%)
- Green (51%)
- Blue (16%)



- Red (44%)
- Yellow (69%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (77%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9070, -45.8032, 37.7926 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 133.9070, -45.8032, 37.7926 by changing the saturation by 10% instead.

■ 133.9070,
-45.8032, 37.7926

■ 133.9070,
-45.8032, 37.7926

■ 255.0000, 0.0000,
0.0000

■ 107.0270,
-47.8343, 35.9333

■ 188.5870,
-47.1244, 41.5812

■ 83.4270, -41.1295,
32.0745

■ 213.0810,
-46.3819, 36.7630

■ 61.8530, -30.4935,
27.3159

■ 233.1820,
-42.9807, 19.1344

■ 41.1540, -20.2889,
20.9129

■ 245.6520,
-35.8174, 8.1982

■ 21.9390, -10.8159,
15.8395

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 133.9070,
-45.8032, 37.7926

■ 133.9070,
-45.8032, 37.7926

■ 128.3330,
-51.9292, 42.6810

■ 139.4810,
-39.6771, 32.9042

■ 122.8730,
-57.6184, 47.4694

■ 144.9410,
-33.9879, 28.1157

■ 121.0150,
-59.6604, 49.0988

■ 150.5150,
-27.8619, 23.2273

■ 156.0890,
-21.7359, 18.3389

■ 162.2500,
-15.8992, 12.9358

■ 167.7100,
-10.2100, 8.1473

■ 173.2840, -4.0840,
3.2589

■ 178.8580, 2.0420,
-1.6295

■ 184.3180, 7.7312,
-6.4179

Harmonies

Analogous

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



136.1010, -33.0808, 63.9324



133.9070, -45.8032, 37.7926



130.0830, -42.9319, 3.4352

Triad

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



133.9070, -45.8032, 37.7926



113.6590, 26.7901, -99.6789



142.5380, 27.8358, 31.9772

Complementary

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



133.9070, -45.8032, 37.7926



84.0930, 45.8032, -37.7926

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.



136.7250, 44.0126, -23.4378



133.9070, -45.8032, 37.7926



115.8710, 45.4196, -101.6189

Square

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



133.9070, -45.8032, 37.7926



107.6000, 6.1132, -94.3652



112.9820, 57.1969, -99.0852



139.7090, 8.5245, 66.0302

Rectangle

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



133.9070, -45.8032, 37.7926



125.8930, -31.4992, -23.5852



112.9820, 57.1969, -99.0852



142.2200, 33.4155, 15.5931

Sweetspot

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



133.9070, -45.8032, 37.7926



212.8050, -17.6519, 15.0800



87.1360, 0.9190, 78.8107



104.8950, -10.7942, 8.8621



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



133.9070, -45.8032, 37.7926



162.9810, -71.4756, 58.7757



155.5160, -56.4564, 1.3015



86.2130, -3.0630, 2.4442



104.4470, -51.4924, 42.5810



17.7530, -8.7522, 7.2326

Inverse Universe

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



84.0930, 45.8032, -37.7926



85.0190, 71.4756, -58.7757



62.4840, 56.4564, -1.3015



82.7870, 3.0630, -2.4442



48.5530, 51.4924, -42.5810



8.2470, 8.7522, -7.2326

Previews

White Background



This preview shows how the YUV color 133.9070, -45.8032, 37.7926 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 133.9070, -45.8032, 37.7926 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 133.9070, -45.8032, 37.7926

Background



This preview shows how black text looks on a background with the YUV color 133.9070, -45.8032, 37.7926.



This preview shows how white text looks on a background with the YUV color 133.9070, -45.8032, 37.7926.

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

133.9070, -45.8032, 37.7926

Protanopia

132.8400, -44.2911, 19.4343

Deuteranopia

133.4830, -46.0871, 35.5334



Tritanopia

140.6780, -4.7713, 37.1164

Trichromacy



Original Color

133.9070, -45.8032, 37.7926

Protanomaly

133.3570, -45.0390, 25.9969

Deuteranomaly

133.7820, -46.2345, 36.1482

Tritanomaly

138.0790, -19.7589, 37.6417

Monochromacy



Original Color

133.9070, -45.8032, 37.7926

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.3210, -16.9203, 13.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9070, -45.8032, 37.7926 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(177, 130, 41)` looks like.

```
.text, #text, p{  
    color:rgb(177, 130, 41)  
}
```

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(177, 130, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 130, 41) }
```

Border

The CSS property to change the border of an element to YUV 133.9070, -45.8032, 37.7926 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(177, 130, 41) }
```


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

```
.border{ border-color:rgb(177, 130, 41) }
```

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

Here you see how a box with a 4 pixel rgb(177, 130, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 130, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 130, 41);  
box-shadow:4px 4px 4px 4px rgb(177, 130,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 133.9070, -45.8032, 37.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 130, 41) }
```

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

```
.background{ background-color: rgb(177,  
130, 41) }
```

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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