

Converting Colors

YUV(133.3770, -45.5419,
0.5464)

Have a look what the booklet for
YUV(133.3770, -45.5419, 0.5464)
contains.

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Color

**YUV(133.3770, -45.5419,
0.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	869729
RGB	134, 151, 41
RGB Percent	53%, 59%, 16%
CMY	0.4745, 0.4078, 0.8392
CMYK	0.11, 0.00, 0.73, 0.41
HSL	69°, 57%, 38%
HSV	69°, 73%, 59%
XYZ	21.2984, 27.3616, 6.2566
YIQ	133.3770, 25.1780, -37.8140

Conversions

Conversions Part 2

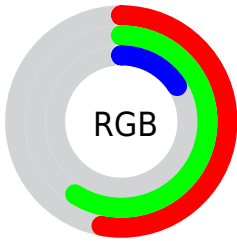
Format	Color
R_{YB}	41, 151, 58
Decimal	8820521
CIE _{Lab}	59.31, -20.91, 52.66
CIE _{LCh}	59, 56.661, 111.651
Yxy	27.3616, 0.3878, 0.4982
Android (android.graphics.Color)	4287010601 (0xFF869729)
YUV	133.3770, -45.5419, 0.5464
Hunter-Lab	52.3084, -18.8599, 29.5242

Details

The YUV color $133.3770, -45.5419, 0.5464$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $58.6230, 45.5419, -0.5464$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.8610, -46.2735, 1.8759$, and $82.9190, -40.8791, -1.6830$ is the 20% darker color. If you saturate the color by 10%, you get $131.0690, -51.7990, 0.8165$, and if you desaturate by 10%, it is $135.6850, -39.2847, 0.2763$.

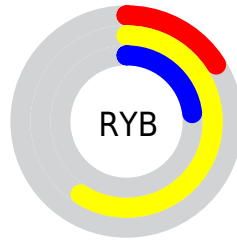
Distribution



Red (53%)

Green (59%)

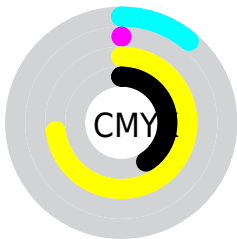
Blue (16%)



Red (16%)

Yellow (59%)

Blue (23%)

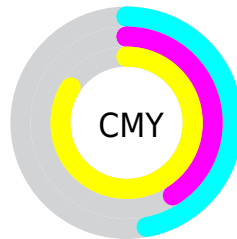


Cyan (11%)

Magenta (0%)

Yellow (73%)

Black (41%)



Cyan (47%)

Magenta (41%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3770, -45.5419, 0.5464 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 133.3770, -45.5419, 0.5464 by changing the saturation by 10% instead.

■ 133.3770,
-45.5419, 0.5464

■ 133.3770,
-45.5419, 0.5464

■ 255.0000, 0.0000,
0.0000

■ 106.1660,
-48.8888, 0.7314

■ 187.8610,
-46.2735, 1.8759

■ 82.9190, -40.8791,
-1.6830

■ 216.0460,
-46.8577, 2.5907

■ 61.3560, -30.2485,
-4.6972

■ 240.7090,
-45.7055, 6.3942

■ 39.7820, -19.6125,
-9.4558

■ 245.8800,
-34.9438, 7.9982

■ 19.3710, -9.5499,
-16.9884

■ 249.0720,
-22.7135, 5.1989

■ 0.0000, 0.0000,
0.0000

■ 252.3780,

-10.0464, 2.2995

■ 133.3770,
-45.5419, 0.5464

■ 133.3770,
-45.5419, 0.5464

■ 131.0690,
-51.7990, 0.8165

■ 135.6850,
-39.2847, 0.2763

■ 128.4620,
-57.9088, 0.4718

■ 138.2920,
-33.1750, 0.6209

■ 126.9090,
-62.5661, 0.9568

■ 140.6000,
-26.9178, 0.3508

■ 142.9080,
-20.6606, 0.0807

■ 145.6290,
-14.1141, 0.3254

■ 147.9370, -7.8569,
0.0553

■ 150.2450, -1.5998,
-0.2149

■ 152.8520, 4.5100,
0.1298

■ 155.1600, 10.7671,
-0.1403

Harmonies

Analogous

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



137.4680, -50.0237, 38.1776



133.3770, -45.5419, 0.5464



124.6280, -22.9876, -47.0318

Triad

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



133.3770, -45.5419, 0.5464



120.7610, 48.9248, -105.9074



143.2260, 7.7766, 72.5928

Complementary

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



133.3770, -45.5419, 0.5464



58.6230, 45.5419, -0.5464

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.



147.0980, 28.5457, 37.6251



133.3770, -45.5419, 0.5464



116.6980, 61.2809, -102.3441

Square

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



133.3770, -45.5419, 0.5464



118.3210, 29.4217, -103.7675



141.7300, 46.4751, -19.9342



140.2060, -15.3846, 81.3803

Rectangle

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



133.3770, -45.5419, 0.5464



109.3950, 0.2983, -95.9394



141.7300, 46.4751, -19.9342



144.7070, 14.9344, 63.4010

Sweetspot

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



133.3770, -45.5419, 0.5464



189.3040, -17.8979, 0.6104



83.2820, -20.8450, 59.3887



94.9540, -10.3303, 0.0403



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



133.3770, -45.5419, 0.5464



168.8460, -70.4231, 1.0121



116.9320, -37.4345, -33.2664



75.4900, -3.1996, -0.4297



117.7610, -58.0562, 1.0866



10.9200, -5.3836, 0.0702

Inverse Universe

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



58.6230, 45.5419, -0.5464



53.1540, 70.4231, -1.0121



75.0680, 37.4345, 33.2664



70.2110, 3.3470, -0.1850



22.5380, 57.9088, -0.4718



2.0800, 5.3836, -0.0702

Previews

White Background



This preview shows how the YUV color 133.3770, -45.5419, 0.5464 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 133.3770, -45.5419, 0.5464 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 133.3770, -45.5419, 0.5464

Background



This preview shows how black text looks on a background with the YUV color 133.3770, -45.5419, 0.5464.



This preview shows how white text looks on a background with the YUV color 133.3770, -45.5419, 0.5464.

0.5464.

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

133.3770, -45.5419, 0.5464

Protanopia

136.2270, -47.9329, 20.8489

Deuteranopia

137.8250, -44.7767, 35.2335



Tritanopia

143.4500, 4.2152, 1.3594

Trichromacy



Original Color

133.3770, -45.5419, 0.5464

Protanomaly

135.4110, -47.0376, 13.6716

Deuteranomaly

136.3350, -45.0282, 22.5082

Tritanomaly

140.0420, -13.8247, 0.8402

Monochromacy



Original Color

133.3770, -45.5419, 0.5464

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.3470, -16.4401, -0.3043

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3770, -45.5419, 0.5464 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(134, 151, 41)` looks like.

```
.text, #text, p{  
    color:rgb(134, 151, 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(134, 151, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 151, 41) }
```

Border

The CSS property to change the border of an element to YUV 133.3770, -45.5419, 0.5464 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(134, 151, 41) }
```


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

```
.border{ border-color:rgb(134, 151, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 151, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 151, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 151, 41);  
box-shadow:4px 4px 4px 4px rgb(134, 151,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 133.3770, -45.5419, 0.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 151, 41) }
```

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

```
.background{ background-color: rgb(134,  
151, 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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