

Converting Colors

YUV(99.5170, -48.0759,
-26.7634)

Have a look what the booklet for
YUV(99.5170, -48.0759, -26.7634)
contains.

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Color

**YUV(99.5170, -48.0759,
-26.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	458602
RGB	69, 134, 2
RGB Percent	27%, 53%, 1%
CMY	0.7294, 0.4745, 0.9922
CMYK	0.49, 0.00, 0.99, 0.47
HSL	90°, 97%, 27%
HSV	90°, 99%, 53%
XYZ	10.9903, 18.3198, 3.0143
YIQ	99.5170, 3.6320, -54.8320

Conversions

Conversions Part 2

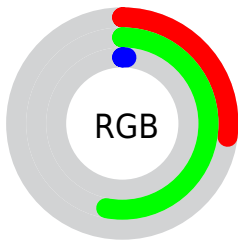
Format	Color
R_{YB}	2, 134, 67
Decimal	4556290
CIE Lab	49.88, -40.38, 53.09
CIE LCh	50, 66.701, 127.260
Yxy	18.3198, 0.3400, 0.5667
Android (android.graphics.Color)	4282746370 (0xFF458602)
YUV	99.5170, -48.0759, -26.7634
Hunter-Lab	42.8016, -29.0689, 25.7857

Details

The YUV color **99.5170, -48.0759, -26.7634** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **36.4830, 48.0759, 26.7634**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0700, -43.4185, -27.2484**, and **49.6180, -24.4617, -40.8840** is the 20% darker color. If you saturate the color by 10%, you get **98.9900, -48.8021, -27.1782**, and if you desaturate by 10%, it is **103.0920, -43.4294, -23.7597**.

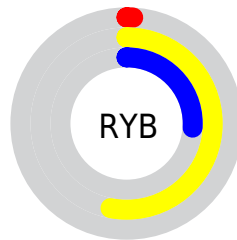
Distribution



Red (27%)

Green (53%)

Blue (1%)



Red (1%)

Yellow (53%)

Blue (26%)

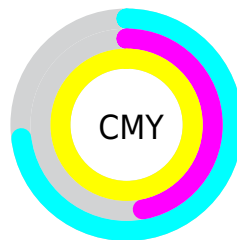


Cyan (49%)

Magenta (0%)

Yellow (99%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5170, -48.0759, -26.7634 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 99.5170, -48.0759, -26.7634 by changing the saturation by 10% instead.

■ 99.5170, -48.0759,
-26.7634

■ 99.5170, -48.0759,
-26.7634

255.0000, 0.0000,
0.0000

■ 75.3560, -37.1505,
-31.0072

■ 155.0700,
-43.4185, -27.2484

■ 49.6180, -24.4617,
-40.8840

■ 182.8420,
-44.2921, -27.0484

■ 35.2200, -17.3635,
-30.8879

■ 210.7280,
-44.7289, -26.9485

■ 22.8930, -11.2862,
-20.0772


■ 228.9340,
-40.3935, -17.4821


■ 0.0000, 0.0000,
0.0000


■ 240.7970,
-32.4379, -2.4530


■ 249.0720,


-22.7135, 5.1989


 252.3780,
-10.0464, 2.2995


 99.5170, -48.0759,
-26.7634


 99.5170, -48.0759,
-26.7634


 98.9900, -48.8021,
-27.1782

 103.0920,
-43.4294, -23.7597

 106.4820,
-38.1986, -21.4707

 110.0570,
-33.5521, -18.4670

 113.4470,
-28.3214, -16.1780

 117.0220,
-23.6748, -13.1743

■ 120.5970,
-19.0283, -10.1706

■ 123.9870,
-13.7976, -7.8816

■ 127.5620, -9.1511,
-4.8779

■ 130.9520, -3.9203,
-2.5889

Harmonies

Analogous

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



110.1960, -54.3266, 18.2451



99.5170, -48.0759, -26.7634



90.9750, -9.3547, -79.7851

Triad

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



99.5170, -48.0759, -26.7634



105.3680, 58.4856, -92.4077



107.6050, -0.2983, 95.9394

Complementary

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



99.5170, -48.0759, -26.7634



36.4830, 48.0759, 26.7634

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.



116.0420, 23.6433, 70.1232



99.5170, -48.0759, -26.7634



97.4750, 66.3208, -85.4856

Square

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



99.5170, -48.0759, -26.7634



105.1450, 39.8615, -92.2122



121.5430, 43.6093, 12.6788



110.2100, -28.2045, 86.6388

Rectangle

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



99.5170, -48.0759, -26.7634



96.7090, 7.5385, -84.8138



121.5430, 43.6093, 12.6788



109.4610, 8.1537, 91.6807

Sweetspot

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



99.5170, -48.0759, -26.7634



159.5970, -19.0283, -10.1706



79.0360, -37.9787, 48.2034



78.5680, -11.6190, -6.6371



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



99.5170, -48.0759, -26.7634



127.8630, -63.0365, -34.9599



80.0820, -38.4944, -66.7239



64.4190, -2.1786, -1.2445



96.0440, -47.3497, -26.3486



2.0600, -1.0156, -0.9296

Inverse Universe

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



36.4830, 48.0759, 26.7634



45.1370, 63.0365, 34.9599



55.9180, 38.4944, 66.7239



61.5810, 2.1786, 1.2445



33.9560, 47.3497, 26.3486



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 99.5170, -48.0759, -26.7634 looks on a white background.

Color Contrast Check

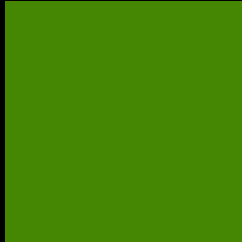
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.5170, -48.0759, -26.7634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

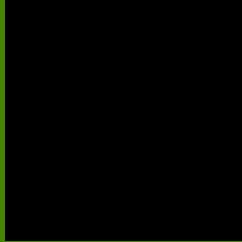
Any Text WCAG AA ✓ Pass

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 99.5170, -48.0759, -26.7634 Background



This preview shows how black text looks on a background with the YUV color 99.5170, -48.0759, -26.7634.



This preview shows how white text looks on a background with the YUV color 99.5170, -48.0759,

-26.7634.

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

99.5170, -48.0759, -26.7634

Protanopia

109.0330, -53.7533, 21.0191

Deuteranopia

113.3730, -42.5819, 31.2449



Tritanopia

114.4790, 10.1169, -24.9761

Trichromacy



Original Color

99.5170, -48.0759, -26.7634

Protanomaly

105.7920, -51.6625, 3.6904

Deuteranomaly

108.3720, -44.5534, 10.1978

Tritanomaly

108.9740, -10.8332, -25.4102

Monochromacy



Original Color

99.5170, -48.0759, -26.7634

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6510, -17.5759, -9.3409

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5170, -48.0759, -26.7634 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(69, 134, 2)` looks like.

```
.text, #text, p{  
    color:rgb(69, 134, 2)  
}
```

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(69, 134, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 134, 2) }
```

Border

The CSS property to change the border of an element to YUV 99.5170, -48.0759, -26.7634 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(69, 134, 2) }
```


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

```
.border{ border-color:rgb(69, 134, 2) }
```

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

Here you see how a box with a 4 pixel rgb(69, 134, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 134, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 134, 2);  
box-shadow:4px 4px 4px 4px rgb(69, 134, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 99.5170, -48.0759, -26.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 134, 2) }
```

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

```
.background{ background-color: rgb(69, 134,  
2) }
```

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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