

Converting Colors

YUV(119.2870, -45.4975,
33.0743)

Have a look what the booklet for
YUV(119.2870, -45.4975, 33.0743)
contains.

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Color

**YUV(119.2870, -45.4975,
33.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	9D761B
RGB	157, 118, 27
RGB Percent	62%, 46%, 11%
CMY	0.3843, 0.5373, 0.8941
CMYK	0.00, 0.25, 0.83, 0.38
HSL	42°, 71%, 36%
HSV	42°, 83%, 62%
XYZ	20.5809, 20.2041, 3.8520
YIQ	119.2870, 52.4550, -20.0330

Conversions

Conversions Part 2

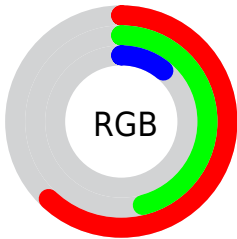
Format	Color
R_{YB}	83, 157, 27
Decimal	10319387
CIE _{Lab}	52.07, 6.85, 51.70
CIE _{LCh}	52, 52.154, 82.449
Y _{xy}	20.2041, 0.4611, 0.4526
Android (android.graphics.Color)	4288509467 (0xFF9D761B)
YUV	119.2870, -45.4975, 33.0743
Hunter-Lab	44.9490, 3.0695, 26.3833

Details

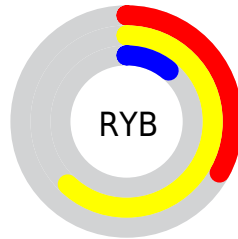
The YUV color **119.2870, -45.4975, 33.0743** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **64.7130, 45.4975, -33.0743**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1950, -45.9451, 36.6630**, and **71.2890, -35.1455, 26.0565** is the 20% darker color. If you saturate the color by 10%, you get **114.5280, -51.0393, 37.2479**, and if you desaturate by 10%, it is **124.0460, -39.9557, 28.9007**.

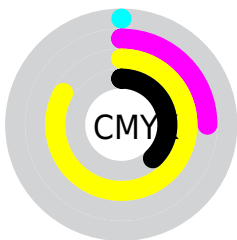
Distribution



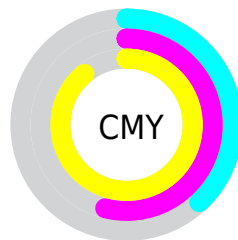
- Red (62%)
- Green (46%)
- Blue (11%)



- Red (33%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2870, -45.4975, 33.0743 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 119.2870, -45.4975, 33.0743 by changing the saturation by 10% instead.

■ 119.2870,
-45.4975, 33.0743

■ 119.2870,
-45.4975, 33.0743

■ 255.0000, 0.0000,
0.0000

■ 93.1620, -45.9289,
31.4299

■ 173.1950,
-45.9451, 36.6630

■ 71.2890, -35.1455,
26.0565

■ 200.9780,
-46.8242, 38.6073

■ 50.3020, -24.7989,
20.7831

■ 223.3680,
-45.0444, 27.7413

■ 30.2010, -14.8891,
15.6097

■ 243.4690,
-41.6432, 10.1127

■ 8.3500, -4.1166,
13.7250

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

119.2870,
-45.4975, 33.0743

119.2870,
-45.4975, 33.0743

114.5280,
-51.0393, 37.2479

124.0460,
-39.9557, 28.9007

111.5130,
-54.9759, 39.8921

128.1040,
-34.5613, 25.3418

132.8630,
-29.0195, 21.1681

137.6220,
-23.4776, 16.9945

142.3810,
-17.9358, 12.8209

■ 146.4390,
-12.5414, 9.2620

■ 151.1980, -6.9996,
5.0884

■ 155.9570, -1.4578,
0.9147

■ 160.0150, 3.9366,
-2.6442

Harmonies

Analogous

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



121.3670, -33.2119, 59.3141



119.2870, -45.4975, 33.0743



115.6310, -40.7371, -0.5534

Triad

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



119.2870, -45.4975, 33.0743



103.0130, 26.6156, -90.3424



127.8650, 25.2096, 34.3214

Complementary

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



119.2870, -45.4975, 33.0743



64.7130, 45.4975, -33.0743

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.



123.3730, 41.2281, -16.9901



119.2870, -45.4975, 33.0743



105.4700, 43.6453, -92.4972

Square

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



119.2870, -45.4975, 33.0743



97.7690, 6.5229, -85.7434



102.3530, 54.5490, -89.7636



123.8400, 6.4879, 65.9153

Rectangle

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



119.2870, -45.4975, 33.0743



111.0820, -28.1414, -27.2589



102.3530, 54.5490, -89.7636



127.6720, 31.2207, 19.5817

Sweetspot

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



119.2870, -45.4975, 33.0743



189.3810, -17.9358, 12.8209



70.3160, -2.1278, 76.0219



93.1830, -10.9362, 7.7325



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



119.2870, -45.4975, 33.0743



145.1650, -70.5803, 51.5983



134.4060, -52.9512, -2.9871



76.9140, -2.9156, 1.8294



101.4570, -50.0183, 36.4332



10.9420, -5.3944, 3.5589

Inverse Universe

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



64.7130, 45.4975, -33.0743



60.8350, 70.5803, -51.5983



49.5940, 52.9512, 2.9871



73.6730, 2.6262, -2.3442



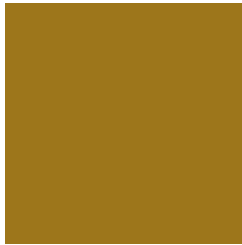
41.5430, 50.0183, -36.4332



4.6450, 5.1050, -4.0737

Previews

White Background



This preview shows how the YUV color 119.2870, -45.4975, 33.0743 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 119.2870, -45.4975, 33.0743 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 119.2870, -45.4975, 33.0743

Background



This preview shows how black text looks on a background with the YUV color 119.2870, -45.4975, 33.0743.



This preview shows how white text looks on a background with the YUV color 119.2870, -45.4975,

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

119.2870, -45.4975, 33.0743

Protanopia

118.5410, -44.1437, 18.8195

Deuteranopia

119.2870, -45.4975, 33.0743



Tritanopia

126.4600, -4.1708, 31.1686

Trichromacy



Original Color

119.2870, -45.4975, 33.0743

Protanomaly

118.4600, -44.5968, 24.1526

Deuteranomaly

119.2870, -45.4975, 33.0743

Tritanomaly

123.8610, -19.1585, 31.6939

Monochromacy



Original Color

119.2870, -45.4975, 33.0743

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.4240, -16.4780, 11.9062

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2870, -45.4975, 33.0743 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(157, 118, 27)` looks like.

```
.text, #text, p{  
    color:rgb(157, 118, 27)  
}
```

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(157, 118, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 118, 27) }
```

Border

The CSS property to change the border of an element to YUV 119.2870, -45.4975, 33.0743 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(157, 118, 27) }
```


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

```
.border{ border-color:rgb(157, 118, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 118, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 118, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 118, 27);  
box-shadow:4px 4px 4px 4px rgb(157, 118,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 119.2870, -45.4975, 33.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 118, 27) }
```

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

```
.background{ background-color: rgb(157,  
118, 27) }
```

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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