

Converting Colors

YUV(120.2870, -45.4975,
33.0743)

Have a look what the booklet for
YUV(120.2870, -45.4975, 33.0743)
contains.

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Color

**YUV(120.2870, -45.4975,
33.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	9E771C
RGB	158, 119, 28
RGB Percent	62%, 47%, 11%
CMY	0.3804, 0.5333, 0.8902
CMYK	0.00, 0.25, 0.82, 0.38
HSL	42°, 70%, 36%
HSV	42°, 82%, 62%
XYZ	20.9070, 20.5466, 3.9626
YIQ	120.2870, 52.4550, -20.0330

Conversions

Conversions Part 2

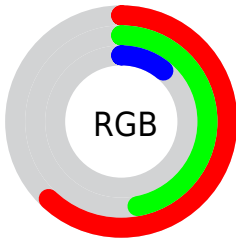
Format	Color
R_{YB}	84, 158, 28
Decimal	10385180
CIE _{Lab}	52.45, 6.78, 51.74
CIE _{LCh}	52, 52.181, 82.531
Yxy	20.5466, 0.4603, 0.4524
Android (android.graphics.Color)	4288575260 (0xFF9E771C)
YUV	120.2870, -45.4975, 33.0743
Hunter-Lab	45.3283, 3.0057, 26.5467

Details

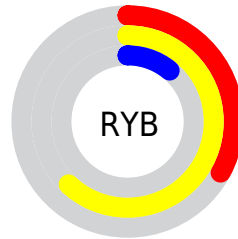
The YUV color **120.2870, -45.4975, 33.0743** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **65.7130, 45.4975, -33.0743**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1950, -45.9451, 36.6630**, and **72.1750, -35.5823, 26.1565** is the 20% darker color. If you saturate the color by 10%, you get **115.5280, -51.0393, 37.2479**, and if you desaturate by 10%, it is **125.0460, -39.9557, 28.9007**.

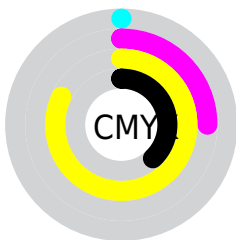
Distribution



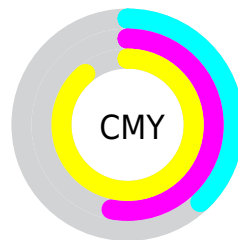
- Red (62%)
- Green (47%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (82%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2870, -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 120.2870, -45.4975, 33.0743 by changing the saturation by 10% instead.

120.2870,
-45.4975, 33.0743

120.2870,
-45.4975, 33.0743

255.0000, 0.0000,
0.0000

94.0480, -46.3657,
31.5299

174.1950,
-45.9451, 36.6630

72.1750, -35.5823,
26.1565

201.9780,
-46.8242, 38.6073

51.1880, -25.2357,
20.8831

224.0690,
-44.8970, 27.1265

31.0870, -15.3259,
15.7097

244.1700,
-41.4958, 9.4979

9.2360, -4.5533,
13.8250

247.3620,
-29.2655, 6.6985

0.0000, 0.0000,
0.0000

250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

120.2870,
-45.4975, 33.0743

120.2870,
-45.4975, 33.0743

115.5280,
-51.0393, 37.2479

125.0460,
-39.9557, 28.9007

112.3990,
-55.4127, 39.9921

129.2180,
-34.1245, 25.2418

133.8630,
-29.0195, 21.1681

138.6220,
-23.4776, 16.9945

143.3810,
-17.9358, 12.8209

■ 147.5530,
-12.1046, 9.1620

■ 152.3120, -6.5628,
4.9884

■ 156.9570, -1.4578,
0.9147

■ 161.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



122.2530, -33.6487, 59.4141



120.2870, -45.4975, 33.0743



116.6310, -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.



120.2870, -45.4975, 33.0743



103.7140, 26.7630, -90.9572



129.1640, 25.0621, 34.9362

Complementary

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



120.2870, -45.4975, 33.0743



65.7130, 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.



124.6720, 41.0807, -16.3753



120.2870, -45.4975, 33.0743



106.1710, 43.7927, -93.1120

Square

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



120.2870, -45.4975, 33.0743



98.4700, 6.6703, -86.3582



103.0540, 54.6964, -90.3784



124.8400, 6.4879, 65.9153

Rectangle

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



120.2870, -45.4975, 33.0743



112.0820, -28.1414, -27.2589



103.0540, 54.6964, -90.3784



128.9710, 31.0733, 20.1964

Sweetspot

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



120.2870, -45.4975, 33.0743



191.6800, -18.0832, 13.4356



71.3160, -2.1278, 76.0219



95.4820, -11.0836, 8.3473



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.2870, -45.4975, 33.0743



147.2360, -71.6013, 52.4130



135.4060, -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.



65.7130, 45.4975, -33.0743



61.1770, 71.8907, -51.8982



50.5940, 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 120.2870, -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 120.2870, -45.4975, 33.0743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

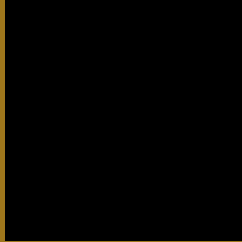
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.2870, -45.4975, 33.0743

Background



This preview shows how black text looks on a background with the YUV color 120.2870, -45.4975, 33.0743.



This preview shows how white text looks on a background with the YUV color 120.2870, -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

120.2870, -45.4975, 33.0743

Protanopia

119.5410, -44.1437, 18.8195

Deuteranopia

120.2870, -45.4975, 33.0743



Tritanopia

127.7590, -4.3182, 31.7834

Trichromacy



Original Color

120.2870, -45.4975, 33.0743

Protanomaly

119.4600, -44.5968, 24.1526

Deuteranomaly

120.2870, -45.4975, 33.0743

Tritanomaly

125.1600, -19.3059, 32.3087

Monochromacy



Original Color

120.2870, -45.4975, 33.0743

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.4240, -16.4780, 11.9062

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2870, -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(158, 119, 28)` looks like.

```
.text, #text, p{  
    color:rgb(158, 119, 28)  
}
```

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(158, 119, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 119, 28) }
```

Border

The CSS property to change the border of an element to YUV 120.2870, -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(158, 119, 28) }
```


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

```
.border{ border-color:rgb(158, 119, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 119, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 119, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 119, 28);  
box-shadow:4px 4px 4px 4px rgb(158, 119,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 120.2870, -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(158, 119, 28) }
```

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

```
.background{ background-color: rgb(158,  
119, 28) }
```

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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