

Converting Colors

YUV(106.7180, -28.9480,
44.9743)

Have a look what the booklet for
YUV(106.7180, -28.9480, 44.9743)
contains.

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Color

**YUV(106.7180, -28.9480,
44.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5C30
RGB	158, 92, 48
RGB Percent	62%, 36%, 19%
CMY	0.3804, 0.6392, 0.8118
CMYK	0.00, 0.42, 0.70, 0.38
HSL	24°, 53%, 40%
HSV	24°, 70%, 62%
XYZ	18.4612, 15.1368, 4.7450
YIQ	106.7180, 53.4600, 0.3080

Conversions

Conversions Part 2

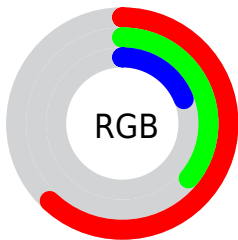
Format	Color
R _Y B	158, 121, 48
Decimal	10378288
CIE Lab	45.82, 23.09, 36.21
CIE LCh	46, 42.945, 57.469
Yxy	15.1368, 0.4815, 0.3948
Android (android.graphics.Color)	4288568368 (0xFF9E5C30)
YUV	106.7180, -28.9480, 44.9743
Hunter-Lab	38.9060, 16.6140, 20.0032

Details

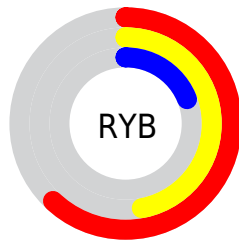
The YUV color **106.7180, -28.9480, 44.9743** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **99.2820, 28.9480, -44.9743**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4690, -31.2902, 49.5777**, and **56.9130, -28.0581, 39.5413** is the 20% darker color. If you saturate the color by 10%, you get **99.6110, -33.3322, 51.2072**, and if you desaturate by 10%, it is **113.8250, -24.5637, 38.7415**.

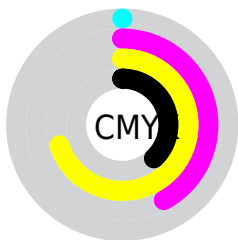
Distribution



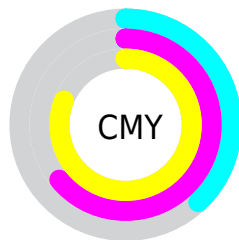
- Red (62%)
- Green (36%)
- Blue (19%)



- Red (62%)
- Yellow (47%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7180, -28.9480, 44.9743 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 106.7180, -28.9480, 44.9743 by changing the saturation by 10% instead.

■ 106.7180,
-28.9480, 44.9743

■ 106.7180,
-28.9480, 44.9743

■ 255.0000, 0.0000,
0.0000

■ 81.6360, -27.9215,
42.4152

■ 159.4690,
-31.2902, 49.5777

■ 56.9130, -28.0581,
39.5413

■ 186.5510,
-32.3166, 52.1368

■ 35.9260, -17.7115,
34.2679

■ 208.6420,
-30.3895, 40.6560

■ 14.9390, -7.3649,
28.9945

■ 228.1560,
-26.6989, 23.5422

■ 3.8870, -1.9163,
7.9921

■ 248.3710,
-22.8609, 5.8136

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 106.7180,
-28.9480, 44.9743

■ 106.7180,
-28.9480, 44.9743

■ 99.6110, -33.3322,
51.2072

■ 113.8250,
-24.5637, 38.7415

■ 91.9170, -37.4271,
57.9548

■ 121.5190,
-20.4689, 31.9938

■ 84.9240, -41.3745,
64.0877

■ 128.5120,
-16.5214, 25.8610

■ 84.2230, -41.5219,
64.7024

■ 136.2060,
-12.4266, 19.1133

■ 143.3130, -8.0423,
12.8805

■ 151.0070, -3.9475,
6.1329

■ 158.1140, 0.4368,
-0.1000

■ 165.6940, 4.0949,
-6.7476

■ 172.8010, 8.4791,
-12.9805

Harmonies

Analogous

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



107.4650, -15.0192, 57.4742



106.7180, -28.9480, 44.9743



105.0390, -36.0082, 22.7678

Triad

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



106.7180, -28.9480, 44.9743



85.8180, 8.9637, -75.2624



109.7030, 30.7124, -4.1245

Complementary

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



106.7180, -28.9480, 44.9743



99.2820, 28.9480, -44.9743

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.



86.8510, 45.9225, -76.1683



106.7180, -28.9480, 44.9743



90.0360, 25.1253, -78.9616

Square

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



106.7180, -28.9480, 44.9743



94.0060, -12.8210, -41.2243



90.7660, 38.0764, -79.6018



111.9050, 17.7948, 32.5323

Rectangle

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



106.7180, -28.9480, 44.9743



102.6130, -33.3332, 4.7244



90.7660, 38.0764, -79.6018



106.6300, 34.6924, -20.7235

Sweetspot

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



106.7180, -28.9480, 44.9743



186.7220, -11.6949, 17.7838



88.4140, 12.6139, 61.0269



92.5300, -7.1633, 10.9362



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.



106.7180, -28.9480, 44.9743



125.5290, -45.6168, 71.4501



139.0030, -44.8645, 16.6604



75.1530, -2.0474, 3.3738



76.2160, -37.5745, 58.5696



8.0070, -3.9475, 6.1329

Inverse Universe

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



99.2820, 28.9480, -44.9743



113.8840, 45.9062, -70.9353



66.9970, 44.8645, -16.6604



74.8470, 2.0474, -3.3738



66.7840, 37.5745, -58.5696



6.9930, 3.9475, -6.1329

Previews

White Background



This preview shows how the YUV color 106.7180, -28.9480, 44.9743 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 106.7180, -28.9480, 44.9743 looks on a black 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

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

YUV 106.7180, -28.9480, 44.9743

Background



This preview shows how black text looks on a background with the YUV color 106.7180, -28.9480, 44.9743.



This preview shows how white text looks on a background with the YUV color 106.7180, -28.9480,

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

106.7180, -28.9480, 44.9743

Protanopia

106.2040, -26.2296, 12.9761

Deuteranopia

106.5430, -30.3407, 24.9568



Tritanopia

109.8100, -8.2873, 44.8936

Trichromacy



Original Color

106.7180, -28.9480, 44.9743

Protanomaly

106.3410, -27.2831, 24.2569

Deuteranomaly

106.7010, -29.9256, 31.8342

Tritanomaly

108.8610, -15.7075, 44.8489

Monochromacy



Original Color

106.7180, -28.9480, 44.9743

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7180, -28.9480, 44.9743 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, 92, 48)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 48)  
}
```

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, 92, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 48) }
```

Border

The CSS property to change the border of an element to YUV 106.7180, -28.9480, 44.9743 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, 92, 48) }
```


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

```
.border{ border-color:rgb(158, 92, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 92, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 48);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 106.7180, -28.9480, 44.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 48) }
```

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

```
.background{ background-color: rgb(158, 92,  
48) }
```

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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