

Converting Colors

YUV(117.9000, -21.6427,
35.1677)

Have a look what the booklet for
YUV(117.9000, -21.6427, 35.1677)
contains.

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Color

**YUV(117.9000, -21.6427,
35.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6A4A
RGB	158, 106, 74
RGB Percent	62%, 42%, 29%
CMY	0.3804, 0.5843, 0.7098
CMYK	0.00, 0.33, 0.53, 0.38
HSL	23°, 36%, 45%
HSV	23°, 53%, 62%
XYZ	20.4906, 18.0716, 8.8868
YIQ	117.9000, 41.2640, 1.0720

Conversions

Conversions Part 2

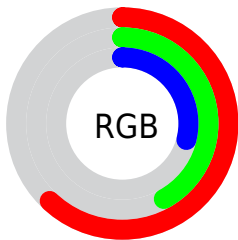
Format	Color
RYB	158, 126, 74
Decimal	10381898
CIELab	49.58, 17.12, 26.32
CIELCh	50, 31.399, 56.953
Yxy	18.0716, 0.4318, 0.3809
Android (android.graphics.Color)	4288571978 (0xFF9E6A4A)
YUV	117.9000, -21.6427, 35.1677
Hunter-Lab	42.5107, 11.6453, 17.3630

Details

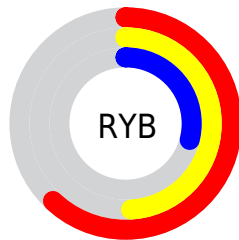
The YUV color **117.9000, -21.6427, 35.1677** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **114.1000, 21.6427, -35.1677**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0530, -23.6901, 38.5415**, and **68.4480, -19.4479, 31.1791** is the 20% darker color. If you saturate the color by 10%, you get **110.2060, -25.7376, 41.9153**, and if you desaturate by 10%, it is **125.5940, -17.5478, 28.4201**.

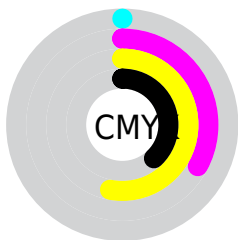
Distribution



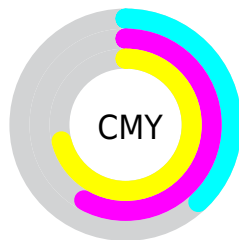
- Red (62%)
- Green (42%)
- Blue (29%)



- Red (62%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9000, -21.6427, 35.1677 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 117.9000, -21.6427, 35.1677 by changing the saturation by 10% instead.

■ 117.9000,
-21.6427, 35.1677

■ 117.9000,
-21.6427, 35.1677

■ 255.0000, 0.0000,
0.0000

■ 92.8180, -20.6163,
32.6086

■ 171.0530,
-23.6901, 38.5415

■ 68.4480, -19.4479,
31.1791

■ 198.5370,
-24.4217, 39.8711

■ 44.8390, -19.1476,
28.2052

■ 220.7530,
-22.0632, 30.0346

■ 24.3530, -12.0060,
24.2464

■ 240.9680,
-18.2252, 12.3061

■ 8.7850, -3.8380,
17.7286

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 117.9000,
-21.6427, 35.1677

■ 117.9000,
-21.6427, 35.1677

■ 110.2060,
-25.7376, 41.9153

■ 125.5940,
-17.5478, 28.4201

■ 102.5120,
-29.8324, 48.6630

■ 133.2880,
-13.4530, 21.6724

■ 95.5190, -33.7799,
54.7958

■ 140.2810, -9.5055,
15.5396

■ 87.8250, -37.8747,
61.5435

■ 147.9750, -5.4107,
8.7919

■ 82.4620, -40.6538,
66.2468

■ 155.6690, -1.3158,
2.0443

■ 163.3630, 2.7790,
-4.7034

■ 170.4700, 7.1633,
-10.9362

■ 178.0500, 10.8213,

-17.5839

■ 185.7440, 14.9162,
-24.3315

Harmonies

Analogous

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



119.4740, -12.0657, 43.4343



117.9000, -21.6427, 35.1677



115.7640, -25.5197, 18.6240

Triad

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



117.9000, -21.6427, 35.1677



101.8420, 5.9939, -55.9894



119.5370, 22.4133, -2.2249

Complementary

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



117.9000, -21.6427, 35.1677



114.1000, 21.6427, -35.1677

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.



112.0490, 29.0628, -35.1230



117.9000, -21.6427, 35.1677



93.5580, 23.3889, -82.0504

Square

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



117.9000, -21.6427, 35.1677



109.3760, -10.5384, -26.6398



93.6040, 33.7192, -82.0907



121.1830, 12.7278, 24.3955

Rectangle

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



117.9000, -21.6427, 35.1677



114.4310, -23.8765, 4.8840



93.6040, 33.7192, -82.0907



117.5680, 25.3560, -12.7761

Sweetspot

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



117.9000, -21.6427, 35.1677



190.9110, -8.3371, 14.1101



105.1580, 10.7681, 46.3424



95.0890, -4.9739, 8.6919



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.



117.9000, -21.6427, 35.1677



143.7040, -34.3641, 55.5106



141.9670, -33.5077, 14.0609



75.1530, -2.0474, 3.3738



74.4550, -36.7063, 60.1140



8.0070, -3.9475, 6.1329

Inverse Universe

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



114.1000, 21.6427, -35.1677



137.2960, 34.3641, -55.5106



90.0330, 33.5077, -14.0609



74.8470, 2.0474, -3.3738



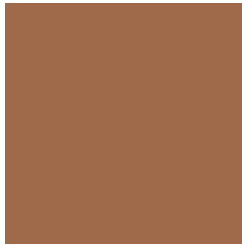
67.9580, 36.9957, -59.5992



6.9930, 3.9475, -6.1329

Previews

White Background



This preview shows how the YUV color 117.9000, -21.6427, 35.1677 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 117.9000, -21.6427, 35.1677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

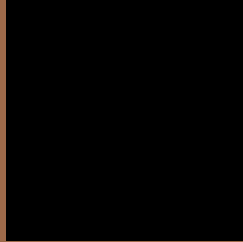
Any Text WCAG AA ✓ Pass

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 117.9000, -21.6427, 35.1677 Background



This preview shows how black text looks on a background with the YUV color 117.9000, -21.6427, 35.1677.



This preview shows how white text looks on a background with the YUV color 117.9000, -21.6427, 35.1677.

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

117.9000, -21.6427, 35.1677

Protanopia

116.5440, -18.5092, 10.0469

Deuteranopia

117.4100, -21.8941, 22.4424



Tritanopia

119.8520, -5.3500, 36.0868

Trichromacy



Original Color

117.9000, -21.6427, 35.1677

Protanomaly

117.2570, -19.8467, 19.0686

Deuteranomaly

117.1440, -21.7630, 27.0607

Tritanomaly

119.2450, -11.4598, 35.7421

Monochromacy



Original Color

117.9000, -21.6427, 35.1677

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3130, -8.0423, 12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9000, -21.6427, 35.1677 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, 106, 74)` looks like.

```
.text, #text, p{  
    color:rgb(158, 106, 74)  
}
```

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, 106, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 106, 74) }
```

Border

The CSS property to change the border of an element to YUV 117.9000, -21.6427, 35.1677 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, 106, 74) }
```


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

```
.border{ border-color:rgb(158, 106, 74) }
```

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

Here you see how a box with a 4 pixel rgb(158, 106, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 106, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 106, 74);  
box-shadow:4px 4px 4px 4px rgb(158, 106,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 117.9000, -21.6427, 35.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 106, 74) }
```

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

```
.background{ background-color: rgb(158,  
106, 74) }
```

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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