

Converting Colors

YUV(118.5090, -21.9429,
38.1416)

Have a look what the booklet for
YUV(118.5090, -21.9429, 38.1416)
contains.

YUV(118.5090, -21.9429, 38.1416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.5090, -21.9429,
38.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	A2694A
RGB	162, 105, 74
RGB Percent	64%, 41%, 29%
CMY	0.3647, 0.5882, 0.7098
CMYK	0.00, 0.35, 0.54, 0.36
HSL	21°, 37%, 46%
HSV	21°, 54%, 64%
XYZ	21.1879, 18.2789, 8.8900
YIQ	118.5090, 43.9230, 2.4430

Conversions

Conversions Part 2

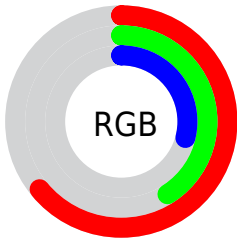
Format	Color
RYB	162, 122, 74
Decimal	10643786
CIELab	49.83, 19.41, 26.74
CIELCh	50, 33.041, 54.027
Yxy	18.2789, 0.4382, 0.3780
Android (android.graphics.Color)	4288833866 (0xFFA2694A)
YUV	118.5090, -21.9429, 38.1416
Hunter-Lab	42.7539, 13.6414, 17.5992

Details

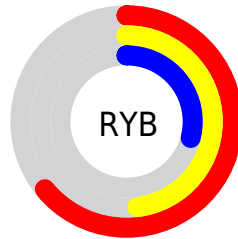
The YUV color **118.5090, -21.9429, 38.1416** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **117.4910, 21.9429, -38.1416**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6620, -23.9904, 41.5154**, and **68.7580, -19.6007, 33.5382** is the 20% darker color. If you saturate the color by 10%, you get **110.8150, -26.0378, 44.8892**, and if you desaturate by 10%, it is **126.2030, -17.8481, 31.3940**.

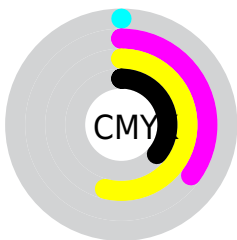
Distribution



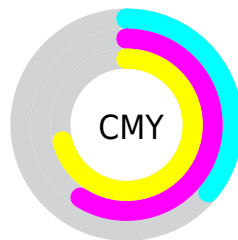
- Red (64%)
- Green (41%)
- Blue (29%)



- Red (64%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5090, -21.9429, 38.1416 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 118.5090, -21.9429, 38.1416 by changing the saturation by 10% instead.

■ 118.5090,
-21.9429, 38.1416

■ 118.5090,
-21.9429, 38.1416

■ 255.0000, 0.0000,
0.0000

■ 93.4270, -20.9165,
35.5825

■ 171.6620,
-23.9904, 41.5154

■ 68.7580, -19.6007,
33.5382

■ 199.4450,
-24.8694, 43.4597

■ 45.4480, -19.4479,
31.1791

■ 220.1660,
-21.7738, 30.5494

■ 24.6630, -12.1589,
26.6055

■ 240.2670,
-18.3726, 12.9208

■ 9.6820, -4.2802,
19.5729

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 118.5090,
-21.9429, 38.1416

■ 118.5090,
-21.9429, 38.1416

■ 110.8150,
-26.0378, 44.8892

■ 126.2030,
-17.8481, 31.3940

■ 102.5340,
-29.8433, 52.1517

■ 134.4840,
-14.0426, 24.1315

■ 94.7260, -34.3749,
58.9993

■ 142.2920, -9.5110,
17.2839

■ 86.4450, -38.1804,
66.2617

■ 150.5730, -5.7055,
10.0215

■ 81.8970, -40.3752,
70.2503

■ 158.2670, -1.6106,
3.2738

■ 166.5480, 2.1948,
-3.9886

■ 174.2420, 6.2897,
-10.7362

■ 182.6370, 10.5320,

-18.0986

■ 190.3310, 14.6268,
-24.8463

Harmonies

Analogous

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



119.4250, -11.0555, 46.1083



118.5090, -21.9429, 38.1416



116.7320, -26.9829, 21.2830

Triad

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



118.5090, -21.9429, 38.1416



101.6030, 5.1257, -57.5338



119.4980, 24.8975, -5.6987

Complementary

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



118.5090, -21.9429, 38.1416



117.4910, 21.9429, -38.1416

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.



110.8740, 31.1211, -41.9855



118.5090, -21.9429, 38.1416



94.0310, 22.6627, -82.4652

Square

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



118.5090, -21.9429, 38.1416



109.9200, -12.2856, -26.2398



94.8920, 33.5772, -83.2203



122.0410, 14.7698, 22.7660

Rectangle

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



118.5090, -21.9429, 38.1416



114.9860, -25.6291, 7.0283



94.8920, 33.5772, -83.2203



117.7030, 27.2614, -17.2795

Sweetspot

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



118.5090, -21.9429, 38.1416



195.2100, -8.4845, 14.7248



106.8100, 11.9257, 48.4016



97.0890, -4.9739, 8.6919



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.5090, -21.9429, 38.1416



144.0250, -34.5223, 59.6141



144.3370, -34.6761, 15.4905



77.4520, -2.1948, 3.9886



73.2920, -36.1330, 62.8879



8.9040, -4.3897, 7.9772

Inverse Universe

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



117.4910, 21.9429, -38.1416



141.9750, 34.5223, -59.6141



91.6630, 34.6761, -15.4905



77.5480, 2.1948, -3.9886



71.7080, 36.1330, -62.8879



9.0960, 4.3897, -7.9772

Previews

White Background



This preview shows how the YUV color 118.5090, -21.9429, 38.1416 looks on a white background.

Color Contrast Check

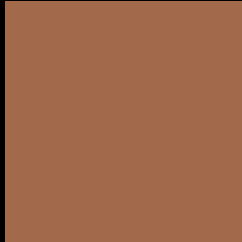
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5090, -21.9429, 38.1416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

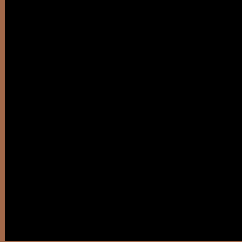
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.5090, -21.9429, 38.1416

Background



This preview shows how black text looks on a background with the YUV color 118.5090, -21.9429, 38.1416.



This preview shows how white text looks on a background with the YUV color 118.5090, -21.9429, 38.1416.

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

118.5090, -21.9429, 38.1416

Protanopia

117.4300, -18.9460, 10.1469

Deuteranopia

118.1820, -22.7677, 22.6424



Tritanopia

120.9340, -6.3765, 38.6459

Trichromacy



Original Color

118.5090, -21.9429, 38.1416

Protanomaly

117.8550, -20.1415, 20.2982

Deuteranomaly

118.6280, -22.4946, 28.3902

Tritanomaly

119.8540, -11.7600, 38.7160

Monochromacy



Original Color

118.5090, -21.9429, 38.1416

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0250, -7.9003, 14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5090, -21.9429, 38.1416 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(162, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(162, 105, 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(162, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 105, 74) }
```

Border

The CSS property to change the border of an element to YUV 118.5090, -21.9429, 38.1416 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(162, 105, 74) }
```


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

```
.border{ border-color:rgb(162, 105, 74) }
```

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

Here you see how a box with a 4 pixel rgb(162, 105, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(162, 105,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 118.5090, -21.9429, 38.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 105, 74) }
```

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

```
.background{ background-color: rgb(162,  
105, 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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