

Converting Colors

YUV(118.1740, -47.4138,
41.0664)

Have a look what the booklet for
YUV(118.1740, -47.4138, 41.0664)
contains.

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Color

**YUV(118.1740, -47.4138,
41.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	A57116
RGB	165, 113, 22
RGB Percent	65%, 44%, 9%
CMY	0.3529, 0.5569, 0.9137
CMYK	0.00, 0.32, 0.87, 0.35
HSL	38°, 76%, 37%
HSV	38°, 87%, 65%
XYZ	21.5670, 19.8675, 3.4572
YIQ	118.1740, 60.2030, -17.2770

Conversions

Conversions Part 2

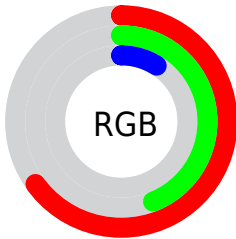
Format	Color
RYB	104, 165, 22
Decimal	10842390
CIELab	51.69, 13.21, 53.37
CIElCh	52, 54.982, 76.095
Yxy	19.8675, 0.4804, 0.4426
Android (android.graphics.Color)	4289032470 (0xFFA57116)
YUV	118.1740, -47.4138, 41.0664
Hunter-Lab	44.5730, 8.3659, 26.6024

Details

The YUV color **118.1740, -47.4138, 41.0664** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **68.8260, 47.4138, -41.0664**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4950, -47.5720, 45.1699**, and **70.4470, -34.7304, 32.9340** is the 20% darker color. If you saturate the color by 10%, you get **112.8280, -52.6662, 45.7548**, and if you desaturate by 10%, it is **123.6340, -41.7246, 36.2780**.

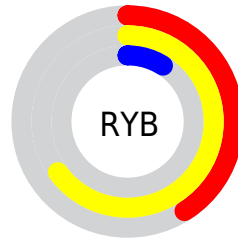
Distribution



Red (65%)

Green (44%)

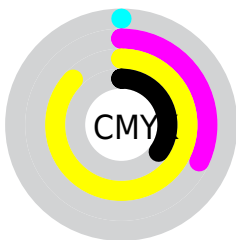
Blue (9%)



Red (41%)

Yellow (65%)

Blue (9%)

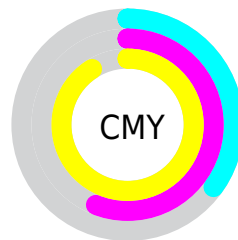


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (35%)



Cyan (35%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1740, -47.4138, 41.0664 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 118.1740, -47.4138, 41.0664 by changing the saturation by 10% instead.

■ 118.1740,
-47.4138, 41.0664

■ 118.1740,
-47.4138, 41.0664

■ 255.0000, 0.0000,
0.0000

■ 92.9070, -45.8032,
37.7926

■ 172.4950,
-47.5720, 45.1699

■ 70.4470, -34.7304,
32.9340

■ 200.5770,
-48.5985, 47.7290

■ 49.1610, -24.2364,
27.0458

■ 219.9770,
-45.3447, 30.7152

■ 29.6470, -14.6160,
21.3576

■ 239.4910,
-41.6541, 13.6014

■ 8.9700, -4.4222,
18.4433

■ 246.7920,
-31.4495, 7.1984

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

■ 253.2900, -6.5520,
1.4997

■ 118.1740,
-47.4138, 41.0664

■ 118.1740,
-47.4138, 41.0664

■ 112.8280,
-52.6662, 45.7548

■ 123.6340,
-41.7246, 36.2780

■ 110.9700,
-54.7082, 47.3843

■ 128.9800,
-36.4721, 31.5895

■ 134.4400,
-30.7829, 26.8011

■ 139.7860,
-25.5305, 22.1127

■ 145.2460,
-19.8413, 17.3243

■ 150.5920,
-14.5889, 12.6358

■ 156.0520, -8.8996,
7.8474

■ 161.3980, -3.6472,
3.1590

■ 166.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



119.9810, -31.0496, 65.7917



118.1740, -47.4138, 41.0664



114.5520, -47.6001, 7.4089

Triad

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



118.1740, -47.4138, 41.0664



101.9870, 22.6844, -89.4426



126.6020, 30.7622, 26.6590

Complementary

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



118.1740, -47.4138, 41.0664



68.8260, 47.4138, -41.0664

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.



118.1580, 47.2501, -35.2186



118.1740, -47.4138, 41.0664



105.6010, 41.6087, -92.6121

Square

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



118.1740, -47.4138, 41.0664



95.8140, 1.5707, -84.0289



103.7550, 54.8438, -90.9931



123.2080, 11.7295, 64.7156

Rectangle

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



118.1740, -47.4138, 41.0664



111.0030, -35.0045, -19.2966



103.7550, 54.8438, -90.9931



125.9850, 36.4894, 9.6602

Sweetspot

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



118.1740, -47.4138, 41.0664



195.9900, -18.2361, 15.7948



70.6850, 1.6343, 82.7143



96.1940, -10.9416, 9.4769



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.



118.1740, -47.4138, 41.0664



143.8180, -70.9023, 61.5496



143.0170, -59.6614, 2.6161



79.2130, -3.0630, 2.4442



97.3590, -47.9980, 41.7812



11.8390, -5.8366, 5.4032

Inverse Universe

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



68.8260, 47.4138, -41.0664



70.1820, 70.9023, -61.5496



43.9830, 59.6614, -2.6161



75.7870, 3.0630, -2.4442



47.6410, 47.9980, -41.7812



5.5740, 6.1260, -4.8884

Previews

White Background



This preview shows how the YUV color 118.1740, -47.4138, 41.0664 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 118.1740, -47.4138, 41.0664 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 118.1740, -47.4138, 41.0664 Background



This preview shows how black text looks on a background with the YUV color 118.1740, -47.4138, 41.0664.



This preview shows how white text looks on a background with the YUV color 118.1740, -47.4138,

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

118.1740, -47.4138, 41.0664

Protanopia

117.1990, -45.4541, 19.1195

Deuteranopia

117.4890, -48.5551, 33.7741



Tritanopia

125.3470, -6.0871, 39.1607

Trichromacy



Original Color

118.1740, -47.4138, 41.0664

Protanomaly

117.4280, -46.0600, 26.8116

Deuteranomaly

117.9130, -48.2711, 36.0333

Tritanomaly

122.7480, -21.0748, 39.6860

Monochromacy



Original Color

118.1740, -47.4138, 41.0664

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9190, -17.2151, 14.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1740, -47.4138, 41.0664 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(165, 113, 22)` looks like.

```
.text, #text, p{  
    color:rgb(165, 113, 22)  
}
```

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(165, 113, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 113, 22) }
```

Border

The CSS property to change the border of an element to YUV 118.1740, -47.4138, 41.0664 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(165, 113, 22) }
```


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

```
.border{ border-color:rgb(165, 113, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 113, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 113, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 113, 22);  
box-shadow:4px 4px 4px 4px rgb(165, 113,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 118.1740, -47.4138, 41.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 113, 22) }
```

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

```
.background{ background-color: rgb(165,  
113, 22) }
```

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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