

Converting Colors

YUV(112.6450, -41.7300,
38.0223)

Have a look what the booklet for
YUV(112.6450, -41.7300, 38.0223)
contains.

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Color

**YUV(112.6450, -41.7300,
38.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6B1C
RGB	156, 107, 28
RGB Percent	61%, 42%, 11%
CMY	0.3882, 0.5804, 0.8902
CMYK	0.00, 0.31, 0.82, 0.39
HSL	37°, 70%, 36%
HSV	37°, 82%, 61%
XYZ	19.1776, 17.6672, 3.4979
YIQ	112.6450, 54.5630, -14.1810

Conversions

Conversions Part 2

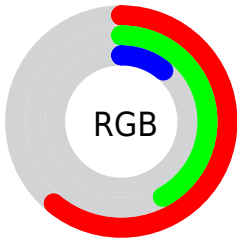
Format	Color
RYB	107, 156, 28
Decimal	10251036
CIELab	49.09, 12.70, 48.64
CIElCh	49, 50.276, 75.366
Yxy	17.6672, 0.4754, 0.4379
Android (android.graphics.Color)	4288441116 (0xFF9C6B1C)
YUV	112.6450, -41.7300, 38.0223
Hunter-Lab	42.0323, 7.8856, 24.4885

Details

The YUV color **112.6450, -41.7300, 38.0223** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **71.3550, 41.7300, -38.0223**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7380, -42.7618, 42.3258**, and **65.1200, -32.1042, 30.5898** is the 20% darker color. If you saturate the color by 10%, you get **107.2990, -46.9824, 42.7108**, and if you desaturate by 10%, it is **117.9910, -36.4776, 33.3339**.

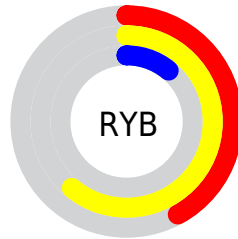
Distribution



Red (61%)

Green (42%)

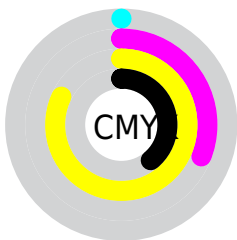
Blue (11%)



Red (42%)

Yellow (61%)

Blue (11%)

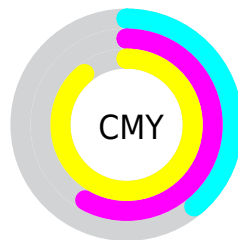


Cyan (0%)

Magenta (31%)

Yellow (82%)

Black (39%)



Cyan (39%)

Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6450, -41.7300, 38.0223 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 112.6450, -41.7300, 38.0223 by changing the saturation by 10% instead.

■ 112.6450,
-41.7300, 38.0223

■ 112.6450,
-41.7300, 38.0223

■ 255.0000, 0.0000,
0.0000

■ 86.9930, -42.8875,
35.9631

■ 165.7380,
-42.7618, 42.3258

■ 65.1200, -32.1042,
30.5898

■ 193.5210,
-43.6409, 44.2701

■ 44.1330, -21.7576,
25.3164

■ 216.2100,
-42.0085, 34.0188

■ 24.6190, -12.1372,
19.6281

■ 235.7240,
-38.3179, 16.9051

■ 5.9800, -2.9481,
12.2955

■ 247.0200,
-30.5759, 6.9985

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

112.6450,
-41.7300, 38.0223

112.6450,
-41.7300, 38.0223

107.2990,
-46.9824, 42.7108

117.9910,
-36.4776, 33.3339

102.9960,
-50.7770, 46.4845

123.2230,
-31.6619, 28.7454

128.5690,
-26.4095, 24.0570

133.8010,
-21.5939, 19.4685

139.1470,
-16.3415, 14.7801

■ 144.4930,
-11.0890, 10.0916

■ 149.7250, -6.2734,
5.5032

■ 155.0710, -1.0210,
0.8147

■ 160.3030, 3.7946,
-3.7737

Harmonies

Analogous

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



114.0450, -28.1232, 60.4735



112.6450, -41.7300, 38.0223



109.0450, -41.9272, 7.8535

Triad

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



112.6450, -41.7300, 38.0223



96.1510, 20.6316, -84.3244



120.4830, 27.8629, 23.2554

Complementary

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



112.6450, -41.7300, 38.0223



71.3550, 41.7300, -38.0223

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.



112.3280, 42.7293, -31.8597



112.6450, -41.7300, 38.0223



99.3090, 37.8087, -87.0940

Square

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



112.6450, -41.7300, 38.0223



90.5480, 1.7018, -79.4106



97.2350, 50.1701, -85.2751



117.5230, 10.5882, 57.4233

Rectangle

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



112.6450, -41.7300, 38.0223



105.9370, -31.5209, -16.6077



97.2350, 50.1701, -85.2751



119.4640, 33.2952, 7.4861

Sweetspot

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



112.6450, -41.7300, 38.0223



186.4460, -16.4889, 15.3949



71.8580, 2.5350, 73.7925



91.4220, -10.0680, 9.2769



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



112.6450, -41.7300, 38.0223



136.0010, -65.0765, 59.6351



136.9230, -53.6990, 3.5755



76.3270, -2.6262, 2.3442



94.4130, -46.5456, 42.6108



9.7680, -4.8156, 4.5885

Inverse Universe

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



71.3550, 41.7300, -38.0223



71.9990, 65.0765, -59.6351



47.0770, 53.6990, -3.5755



73.6730, 2.6262, -2.3442



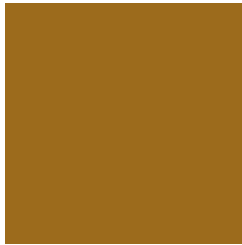
48.5870, 46.5456, -42.6108



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 112.6450, -41.7300, 38.0223 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 112.6450, -41.7300, 38.0223 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 112.6450, -41.7300, 38.0223

Background



This preview shows how black text looks on a background with the YUV color 112.6450, -41.7300, 38.0223.



This preview shows how white text looks on a background with the YUV color 112.6450, -41.7300,

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

112.6450, -41.7300, 38.0223

Protanopia

111.3820, -39.6283, 17.2050

Deuteranopia

112.0740, -42.4345, 30.6301



Tritanopia

118.7380, -5.7868, 36.1868

Trichromacy



Original Color

112.6450, -41.7300, 38.0223

Protanomaly

111.6110, -40.2342, 24.8972

Deuteranomaly

112.4980, -42.1505, 32.8893

Tritanomaly

116.8940, -19.1747, 36.9270

Monochromacy



Original Color

112.6450, -41.7300, 38.0223

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0760, -15.3205, 13.9653

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6450, -41.7300, 38.0223 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(156, 107, 28)` looks like.

```
.text, #text, p{  
    color:rgb(156, 107, 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(156, 107, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 107, 28) }
```

Border

The CSS property to change the border of an element to YUV 112.6450, -41.7300, 38.0223 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(156, 107, 28) }
```


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

```
.border{ border-color:rgb(156, 107, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 107, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 107, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 107, 28);  
box-shadow:4px 4px 4px 4px rgb(156, 107,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 112.6450, -41.7300, 38.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 107, 28) }
```

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

```
.background{ background-color: rgb(156,  
107, 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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