

Converting Colors

YUV(98.8220, -40.3382,
11.5571)

Have a look what the booklet for
YUV(98.8220, -40.3382, 11.5571)
contains.

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Color

**YUV(98.8220, -40.3382,
11.5571)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 706C11 |
| RGB | 112, 108, 17 |
| RGB Percent | 44%, 42%, 7% |
| CMY | 0.5608, 0.5765, 0.9333 |
| CMYK | 0.00, 0.04, 0.85, 0.56 |
| HSL | 57°, 74%, 25% |
| HSV | 57°, 85%, 44% |
| XYZ | 12.1458, 14.2103, 2.6330 |
| YIQ | 98.8220, 31.5950, -27.4530 |

Conversions

Conversions Part 2

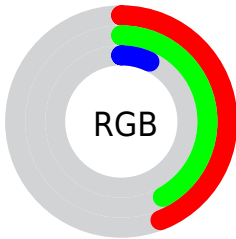
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 112, 17 |
| Decimal | 7367697 |
| CIE Lab | 44.53, -9.07, 46.53 |
| CIE LCh | 45, 47.408, 101.034 |
| Yxy | 14.2103, 0.4190, 0.4902 |
| Android (android.graphics.Color) | 4285557777 (0xFF706C11) |
| YUV | 98.8220, -40.3382, 11.5571 |
| Hunter-Lab | 37.6966, -8.4564, 22.2463 |

Details

The YUV color **98.8220, -40.3382, 11.5571** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **30.1780, 40.3382, -11.5571**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2460, -40.0543, 13.8163**, and **54.0460, -26.6447, 6.0987** is the 20% darker color. If you saturate the color by 10%, you get **97.5680, -45.1430, 12.6569**, and if you desaturate by 10%, it is **100.0760, -35.5335, 10.4573**.

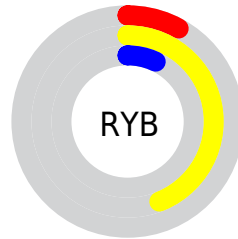
Distribution



Red (44%)

Green (42%)

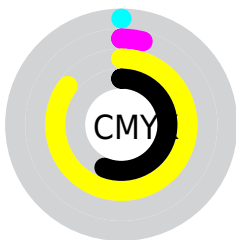
Blue (7%)



Red (8%)

Yellow (44%)

Blue (7%)

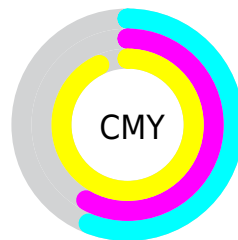


Cyan (0%)

Magenta (4%)

Yellow (85%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8220, -40.3382, 11.5571 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 98.8220, -40.3382, 11.5571 by changing the saturation by 10% instead.

98.8220, -40.3382,
11.5571

98.8220, -40.3382,
11.5571

255.0000, 0.0000,
0.0000

75.0220, -36.9858,
9.6277

151.2460,
-40.0543, 13.8163

54.0460, -26.6447,
6.0987

178.3170,
-41.0753, 14.6310

33.6570, -16.5929,
2.0548

206.3880,
-42.0963, 15.4457

12.3380, -6.0826,
-9.0664

234.5730,
-42.6805, 16.1605

0.0000, 0.0000,
0.0000

245.8800,
-34.9438, 7.9982

249.0720,

-22.7135, 5.1989

■ 252.3780,
-10.0464, 2.2995

■ 98.8220, -40.3382,
11.5571

■ 98.8220, -40.3382,
11.5571

■ 97.5680, -45.1430,
12.6569

■ 100.0760,
-35.5335, 10.4573

■ 96.2970, -47.4744,
13.7715

■ 101.9170,
-31.0181, 8.8428

■ 103.2850,
-25.7765, 7.6431

■ 105.1260,
-21.2611, 6.0285

■ 106.3800,
-16.4563, 4.9287

■ 108.2210,
-11.9410, 3.3142

■ 109.4750, -7.1362,
2.2144

■ 111.4300, -2.1840,
0.4999

■ 112.6840, 2.6208,
-0.5999

Harmonies

Analogous

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



101.7960, -37.3674, 38.7669



98.8220, -40.3382, 11.5571



93.6850, -25.9737, -22.5257

Triad

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



98.8220, -40.3382, 11.5571



89.9850, 32.5454, -78.9168



106.3480, 12.6464, 50.5608

Complementary

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



98.8220, -40.3382, 11.5571



30.1780, 40.3382, -11.5571

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.



108.1400, 28.0320, 15.6632



98.8220, -40.3382, 11.5571



89.1990, 44.7649, -78.2275

Square

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



98.8220, -40.3382, 11.5571



86.3540, 16.0945, -75.7325



97.7460, 42.0302, -40.9962



103.3270, -5.5842, 64.6112

Rectangle

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



98.8220, -40.3382, 11.5571



83.2210, -8.9830, -58.9528



97.7460, 42.0302, -40.9962



107.6610, 17.9151, 40.6393

Sweetspot

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



98.8220, -40.3382, 11.5571



140.3090, -15.4353, 4.1140



45.9750, -11.8197, 57.9039



70.9050, -9.3202, 2.7143



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.8220, -40.3382, 11.5571



124.9480, -61.5994, 17.5856



88.3130, -35.1573, -16.9375



55.3160, -2.6208, 0.5999



103.3850, -50.9688, 14.5714



212.9720, -104.9952, 29.8426

Inverse Universe

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



30.1780, 40.3382, -11.5571



20.0520, 61.5994, -17.5856



40.6870, 35.1573, 16.9375



51.2710, 2.3314, -1.1147



16.6150, 50.9688, -14.5714



34.0280, 104.9952, -29.8426

Previews

White Background



This preview shows how the YUV color 98.8220, -40.3382, 11.5571 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 98.8220, -40.3382, 11.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

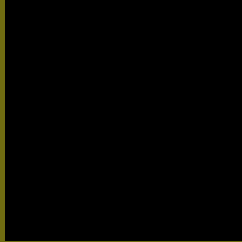
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8220, -40.3382, 11.5571

Background



This preview shows how black text looks on a background with the YUV color 98.8220, -40.3382, 11.5571.

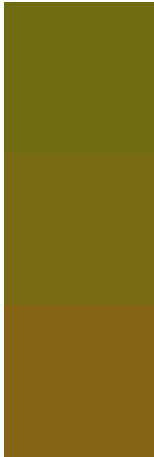


This preview shows how white text looks on a background with the YUV color 98.8220, -40.3382,

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

98.8220, -40.3382, 11.5571

Protanopia

99.6270, -41.2281, 16.9901

Deuteranopia

100.9750, -38.9347, 28.0859



Tritanopia

106.5930, 0.6937, 10.8809

Trichromacy



Original Color

98.8220, -40.3382, 11.5571

Protanomaly

99.3170, -41.0753, 14.6310

Deuteranomaly

100.1160, -39.4972, 21.8233

Tritanomaly

103.6950, -14.1466, 10.7915

Monochromacy



Original Color

98.8220, -40.3382, 11.5571

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8360, -14.7091, 4.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8220, -40.3382, 11.5571 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(112, 108, 17)` looks like.

```
.text, #text, p{  
    color:rgb(112, 108, 17)  
}
```

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(112, 108, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 108, 17) }
```

Border

The CSS property to change the border of an element to YUV 98.8220, -40.3382, 11.5571 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(112, 108, 17) }
```


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

```
.border{ border-color:rgb(112, 108, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 108, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 108, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 108, 17);  
box-shadow:4px 4px 4px 4px rgb(112, 108,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 98.8220, -40.3382, 11.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 108, 17) }
```

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

```
.background{ background-color: rgb(112,  
108, 17) }
```

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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