

Converting Colors

YUV(99.5700, -38.2420, -7.5159)

Have a look what the booklet for
YUV(99.5700, -38.2420, -7.5159)
contains.

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Color

**YUV(99.5700, -38.2420,
-7.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7716
RGB	91, 119, 22
RGB Percent	36%, 47%, 9%
CMY	0.6431, 0.5333, 0.9137
CMYK	0.24, 0.00, 0.82, 0.53
HSL	77°, 69%, 28%
HSV	77°, 82%, 47%
XYZ	11.0560, 15.4757, 3.1635
YIQ	99.5700, 14.4490, -36.1030

Conversions

Conversions Part 2

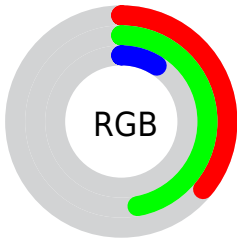
Format	Color
R_{YB}	22, 119, 50
Decimal	5994262
CIE _{Lab}	46.28, -24.37, 45.89
CIE _{LCh}	46, 51.962, 117.968
Yxy	15.4757, 0.3723, 0.5212
Android (android.graphics.Color)	4284184342 (0xFF5B7716)
YUV	99.5700, -38.2420, -7.5159
Hunter-Lab	39.3392, -18.6773, 22.7696

Details

The YUV color $99.5700, -38.2420, -7.5159$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $41.4300, 38.2420, 7.5159$, and the grayscale version is $100.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $151.9830, -37.9526, -7.0011$, and $53.3490, -26.3011, -10.8301$ is the 20% darker color. If you saturate the color by 10%, you get $97.3050, -43.0414, -8.1605$, and if you desaturate by 10%, it is $101.8350, -33.4427, -6.8713$.

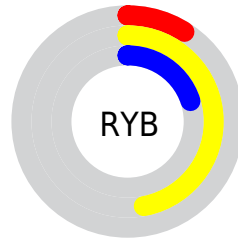
Distribution



Red (36%)

Green (47%)

Blue (9%)



Red (9%)

Yellow (47%)

Blue (20%)

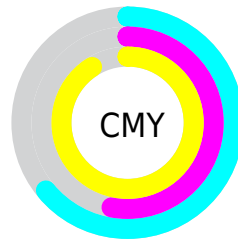


Cyan (24%)

Magenta (0%)

Yellow (82%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5700, -38.2420, -7.5159 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 99.5700, -38.2420, -7.5159 by changing the saturation by 10% instead.

■ 99.5700, -38.2420,
-7.5159

■ 99.5700, -38.2420,
-7.5159

255.0000, 0.0000,
0.0000

■ 74.6130, -36.7842,
-8.4306

■ 151.9830,
-37.9526, -7.0011

■ 53.3490, -26.3011,
-10.8301

■ 179.6410,
-39.2630, -6.7012

■ 32.0630, -15.8071,
-16.7183

■ 207.4130,
-40.1366, -6.5012

■ 17.0230, -8.3923,
-14.9292

■ 235.2990,
-40.5734, -6.4012

■ 0.0000, 0.0000,
0.0000

■ 246.5640,
-32.3231, 7.3984

■ 249.7560,

-20.0927, 4.5990

■ 252.9480, -7.8624,
1.7996

■ 99.5700, -38.2420,
-7.5159

■ 99.5700, -38.2420,
-7.5159

■ 97.3050, -43.0414,
-8.1605

■ 101.8350,
-33.4427, -6.8713

■ 95.2680, -46.9671,
-9.0050

■ 104.3990,
-28.7907, -5.6119

■ 106.6640,
-23.9914, -4.9673

■ 109.2280,
-19.3394, -3.7080

■ 111.4930,
-14.5400, -3.0634

■ 113.9430,
-10.3249, -1.7040

■ 116.2080, -5.5255,
-1.0594

■ 118.4730, -0.7262,
-0.4148

■ 121.0370, 3.9258,
0.8446

Harmonies

Analogous

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



103.3310, -48.9702, 26.8967



99.5700, -38.2420, -7.5159



86.2980, -12.4719, -59.8973

Triad

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



99.5700, -38.2420, -7.5159



94.8240, 43.4708, -83.1606



107.6400, 3.1355, 67.8447

Complementary

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



99.5700, -38.2420, -7.5159



41.4300, 38.2420, 7.5159

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.



112.3990, 21.9883, 40.8691



99.5700, -38.2420, -7.5159



90.5500, 52.4798, -79.4124

Square

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



99.5700, -38.2420, -7.5159



93.2960, 27.4621, -81.8206



110.2280, 37.8486, -6.3390



105.9720, -17.2412, 70.1846

Rectangle

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



99.5700, -38.2420, -7.5159



85.9830, 1.9804, -75.4071



110.2280, 37.8486, -6.3390



108.7300, 9.9931, 61.6268

Sweetspot

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



99.5700, -38.2420, -7.5159



148.3790, -14.9768, -2.9634



66.8520, -22.1120, 45.7338



74.2850, -9.0145, -2.0039



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.5700, -38.2420, -7.5159



125.4020, -60.3442, -11.7536



85.2180, -31.1665, -37.0252



57.7180, -2.3260, -0.6297



97.6270, -48.1301, -9.3199



199.9720, -98.5862, -19.2694

Inverse Universe

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



41.4300, 38.2420, 7.5159



33.5980, 60.3442, 11.7536



55.7820, 31.1665, 37.0252



53.9830, 2.4734, 0.0149



24.3730, 48.1301, 9.3199



50.0280, 98.5862, 19.2694

Previews

White Background



This preview shows how the YUV color 99.5700, -38.2420, -7.5159 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 99.5700, -38.2420, -7.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

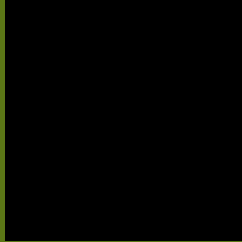
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.5700, -38.2420, -7.5159

Background



This preview shows how black text looks on a background with the YUV color 99.5700, -38.2420, -7.5159.



This preview shows how white text looks on a background with the YUV color 99.5700, -38.2420,

-7.5159.

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

99.5700, -38.2420, -7.5159

Protanopia

103.5130, -41.6649, 17.0901

Deuteranopia

105.4310, -37.1875, 27.6860



Tritanopia

109.0360, 5.4053, -7.0476

Trichromacy



Original Color

99.5700, -38.2420, -7.5159

Protanomaly

101.8000, -40.3274, 8.0684

Deuteranomaly

102.9410, -37.4389, 14.9607

Tritanomaly

105.4970, -10.5980, -7.4519

Monochromacy



Original Color

99.5700, -38.2420, -7.5159

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0200, -13.8139, -2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5700, -38.2420, -7.5159 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(91, 119, 22)` looks like.

```
.text, #text, p{  
    color:rgb(91, 119, 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(91, 119, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 119, 22) }
```

Border

The CSS property to change the border of an element to YUV 99.5700, -38.2420, -7.5159 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(91, 119, 22) }
```


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

```
.border{ border-color:rgb(91, 119, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 119, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 119, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 119, 22);  
box-shadow:4px 4px 4px 4px rgb(91, 119,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 99.5700, -38.2420, -7.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 119, 22) }
```

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

```
.background{ background-color: rgb(91, 119,  
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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