

Converting Colors

YUV(122.9490, -49.7679,
2.6757)

Have a look what the booklet for
YUV(122.9490, -49.7679, 2.6757)
contains.

YUV(122.9490, -49.7679, 2.6757)	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(122.9490, -49.7679,
2.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8D16
RGB	126, 141, 22
RGB Percent	49%, 55%, 9%
CMY	0.5059, 0.4471, 0.9137
CMYK	0.11, 0.00, 0.84, 0.45
HSL	68°, 73%, 32%
HSV	68°, 84%, 55%
XYZ	18.2739, 23.5433, 4.3402
YIQ	122.9490, 29.2590, -40.1890

Conversions

Conversions Part 2

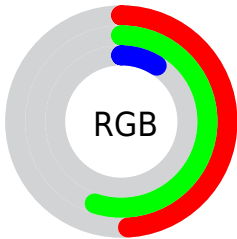
Format	Color
R_{YB}	22, 141, 37
Decimal	8293654
CIE _{Lab}	55.63, -20.16, 55.18
CIE _{LCh}	56, 58.743, 110.070
Yxy	23.5433, 0.3959, 0.5101
Android (android.graphics.Color)	4286483734 (0xFF7E8D16)
YUV	122.9490, -49.7679, 2.6757
Hunter-Lab	48.5214, -17.6868, 28.6615

Details

The YUV color **122.9490, -49.7679, 2.6757** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **40.0510, 49.7679, -2.6757**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8890, -48.7523, 3.6053**, and **75.2440, -37.0953, -1.9680** is the 20% darker color. If you saturate the color by 10%, you get **120.7550, -55.5882, 2.8459**, and if you desaturate by 10%, it is **125.1430, -43.9475, 2.5056**.

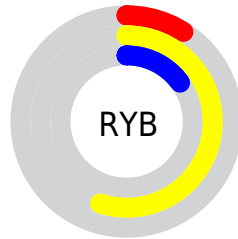
Distribution



Red (49%)

Green (55%)

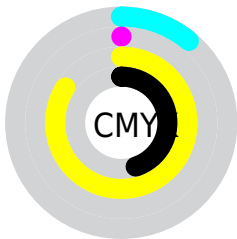
Blue (9%)



Red (9%)

Yellow (55%)

Blue (15%)

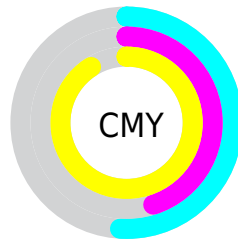


Cyan (11%)

Magenta (0%)

Yellow (84%)

Black (45%)



Cyan (51%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9490, -49.7679, 2.6757 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 122.9490, -49.7679, 2.6757 by changing the saturation by 10% instead.

■ 122.9490,
-49.7679, 2.6757

■ 122.9490,
-49.7679, 2.6757

■ 255.0000, 0.0000,
0.0000

■ 97.6930, -48.1626,
1.1462

■ 177.8890,
-48.7523, 3.6053

■ 75.2440, -37.0953,
-1.9680

■ 205.0740,
-49.3365, 4.3201

■ 53.3820, -26.3173,
-5.5970

■ 234.1450,
-50.3575, 5.1348

■ 32.6940, -16.1181,
-10.2556

■ 244.1700,
-41.4958, 9.4979

■ 15.8490, -7.8136,
-13.8996

■ 247.3620,
-29.2655, 6.6985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

122.9490,
-49.7679, 2.6757

122.9490,
-49.7679, 2.6757

120.7550,
-55.5882, 2.8459

125.1430,
-43.9475, 2.5056

119.5440,
-58.9352, 3.0309

127.3370,
-38.1271, 2.3355

129.2320,
-32.1594, 1.5505

131.4260,
-26.3390, 1.3804

133.7340,
-20.0819, 1.1103

■ 135.9280,
-14.2615, 0.9401

■ 137.8230, -8.2937,
0.1552

■ 140.0170, -2.4734,
-0.0149

■ 142.2110, 3.3470,
-0.1850

Harmonies

Analogous

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



127.2680, -53.3761, 40.1070



122.9490, -49.7679, 2.6757



114.1720, -24.7348, -46.6318

Triad

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



122.9490, -49.7679, 2.6757



114.4520, 47.5982, -100.3744



132.3940, 9.6658, 73.3225

Complementary

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



122.9490, -49.7679, 2.6757



40.0510, 49.7679, -2.6757

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.



136.9560, 30.5877, 35.9956



122.9490, -49.7679, 2.6757



111.2040, 60.5384, -97.5259

Square

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



122.9490, -49.7679, 2.6757



111.1970, 27.5109, -97.5198



130.6690, 48.9702, -26.8967



129.2710, -13.9376, 83.9543

Rectangle

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



122.9490, -49.7679, 2.6757



101.9290, -2.9230, -89.3917



130.6690, 48.9702, -26.8967



133.9890, 17.2604, 64.0306

Sweetspot

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



122.9490, -49.7679, 2.6757



176.9620, -19.2083, 0.9103



65.7990, -21.5929, 65.9513



87.6120, -11.6407, 0.3403



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



122.9490, -49.7679, 2.6757



155.8480, -76.8331, 3.6413



105.6070, -41.2183, -32.9813



70.2020, -3.0576, 0.6998



114.5270, -56.4618, 3.0458



6.7890, -3.3470, 0.1850

Inverse Universe

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



40.0510, 49.7679, -2.6757



27.8530, 76.9805, -4.2561



57.3930, 41.2183, 32.9813



65.0970, 2.9102, -0.0851



20.4730, 56.4618, -3.0458



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 122.9490, -49.7679, 2.6757 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 122.9490, -49.7679, 2.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

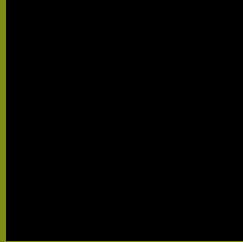
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.9490, -49.7679, 2.6757

Background



This preview shows how black text looks on a background with the YUV color 122.9490, -49.7679, 2.6757.



This preview shows how white text looks on a background with the YUV color 122.9490, -49.7679, 2.6757.

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

122.9490, -49.7679, 2.6757

Protanopia

125.2010, -51.8641, 21.7487

Deuteranopia

127.4290, -47.5395, 34.7038



Tritanopia

133.7490, 4.0677, 1.9741

Trichromacy



Original Color

122.9490, -49.7679, 2.6757

Protanomaly

124.3850, -50.9688, 14.5714

Deuteranomaly

125.5370, -48.0857, 23.2081

Tritanomaly

129.8850, -15.7193, 1.8549

Monochromacy



Original Color

122.9490, -49.7679, 2.6757

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1900, -18.3347, 0.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9490, -49.7679, 2.6757 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(126, 141, 22)` looks like.

```
.text, #text, p{  
    color:rgb(126, 141, 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(126, 141, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 141, 22) }
```

Border

The CSS property to change the border of an element to YUV 122.9490, -49.7679, 2.6757 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(126, 141, 22) }
```


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

```
.border{ border-color:rgb(126, 141, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 141, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 141, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 141, 22);  
box-shadow:4px 4px 4px 4px rgb(126, 141,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 122.9490, -49.7679, 2.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 141, 22) }
```

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

```
.background{ background-color: rgb(126,  
141, 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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