

Converting Colors

YUV(122.5840, -49.5879,
-8.4052)

Have a look what the booklet for
YUV(122.5840, -49.5879, -8.4052)
contains.

YUV(122.5840, -49.5879, -8.4052)	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(122.5840, -49.5879,
-8.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	719316
RGB	113, 147, 22
RGB Percent	44%, 58%, 9%
CMY	0.5569, 0.4235, 0.9137
CMYK	0.23, 0.00, 0.85, 0.42
HSL	76°, 74%, 33%
HSV	76°, 85%, 58%
XYZ	17.3886, 24.4361, 4.5592
YIQ	122.5840, 19.8610, -46.0830

Conversions

Conversions Part 2

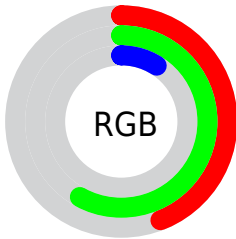
Format	Color
R_{YB}	22, 147, 56
Decimal	7443222
CIE Lab	56.52, -28.75, 55.59
CIE LCh	57, 62.582, 117.349
Yxy	24.4361, 0.3749, 0.5268
Android (android.graphics.Color)	4285633302 (0xFF719316)
YUV	122.5840, -49.5879, -8.4052
Hunter-Lab	49.4329, -23.7180, 29.1347

Details

The YUV color **122.5840, -49.5879, -8.4052** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **46.4160, 49.5879, 8.4052**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3390, -47.9881, -8.1903**, and **74.2920, -36.6260, -12.5341** is the 20% darker color. If you saturate the color by 10%, you get **119.6780, -55.5503, -9.3646**, and if you desaturate by 10%, it is **125.4900, -43.6256, -7.4457**.

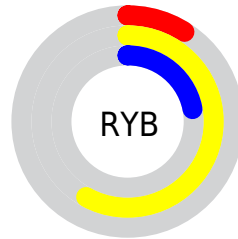
Distribution



Red (44%)

Green (58%)

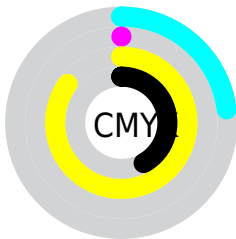
Blue (9%)



Red (9%)

Yellow (58%)

Blue (22%)

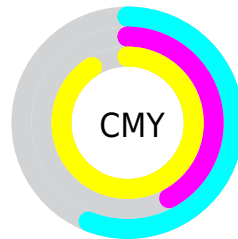


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (42%)



Cyan (56%)

Magenta (42%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5840, -49.5879, -8.4052 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 122.5840, -49.5879, -8.4052 by changing the saturation by 10% instead.

■ 122.5840,
-49.5879, -8.4052

■ 122.5840,
-49.5879, -8.4052

■ 255.0000, 0.0000,
0.0000

■ 96.7410, -47.6933,
-9.4199

■ 177.3390,
-47.9881, -8.1903

■ 74.2920, -36.6260,
-12.5341

■ 205.4100,
-49.0091, -7.3756

■ 52.1310, -25.7006,
-16.7779

■ 232.4210,
-49.0146, -5.6312

■ 29.0620, -14.3276,
-24.6104

■ 244.2840,
-41.0590, 9.3979

■ 18.1970, -8.9711,
-15.9588

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

122.5840,
-49.5879, -8.4052

122.5840,
-49.5879, -8.4052

119.6780,
-55.5503, -9.3646

125.4900,
-43.6256, -7.4457

118.2820,
-58.3130, -9.8943

128.2820,
-38.1000, -6.3863

131.1880,
-32.1377, -5.4269

134.0940,
-26.1753, -4.4674

137.0000,
-20.2130, -3.5080

■ 139.7920,
-14.6875, -2.4486

■ 142.6980, -8.7251,
-1.4891

■ 145.6040, -2.7628,
-0.5297

■ 148.3960, 2.7628,
0.5297

Harmonies

Analogous

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



126.5310, -62.3798, 34.6143



122.5840, -49.5879, -8.4052



104.6780, -15.6173, -77.7706

Triad

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



122.5840, -49.5879, -8.4052



117.4500, 54.0082, -103.0036



132.3200, 5.2652, 84.7884

Complementary

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



122.5840, -49.5879, -8.4052



46.4160, 49.5879, 8.4052

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.



138.3600, 27.9235, 50.5503



122.5840, -49.5879, -8.4052



112.4580, 65.3432, -98.6257

Square

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



122.5840, -49.5879, -8.4052



114.8960, 34.0683, -100.7638



136.1380, 47.7530, -9.7680



129.9850, -20.2056, 87.7132

Rectangle

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



122.5840, -49.5879, -8.4052



105.8730, 2.0346, -92.8506



136.1380, 47.7530, -9.7680



134.0400, 13.2913, 77.1409

Sweetspot

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



122.5840, -49.5879, -8.4052



181.5270, -19.4868, -3.0932



78.7460, -27.9758, 59.8588



91.1880, -11.9247, -1.9189



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.5840, -49.5879, -8.4052



153.6780, -75.7633, -12.8726



104.0460, -40.4487, -46.5213



72.6040, -2.7628, -0.5297



110.9060, -54.6767, -9.5646



7.9630, -3.9258, -0.8446

Inverse Universe

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



46.4160, 49.5879, 8.4052



37.3220, 75.7633, 12.8726



64.9540, 40.4487, 46.5213



68.3960, 2.7628, 0.5297



26.7950, 54.8241, 8.9498



2.0370, 3.9258, 0.8446

Previews

White Background



This preview shows how the YUV color 122.5840, -49.5879, -8.4052 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 122.5840, -49.5879, -8.4052 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 122.5840, -49.5879, -8.4052

Background



This preview shows how black text looks on a background with the YUV color 122.5840, -49.5879, -8.4052.



This preview shows how white text looks on a background with the YUV color 122.5840, -49.5879, -8.4052.

-8.4052.

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

122.5840, -49.5879, -8.4052

Protanopia

127.4460, -53.4639, 21.5339

Deuteranopia

129.8420, -47.2501, 35.2186



Tritanopia

134.9650, 6.4263, -7.8623

Trichromacy



Original Color

122.5840, -49.5879, -8.4052

Protanomaly

125.7220, -52.1209, 10.7678

Deuteranomaly

127.2160, -47.9275, 19.1046

Tritanomaly

130.5740, -14.0870, -8.3964

Monochromacy



Original Color

122.5840, -49.5879, -8.4052

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8690, -18.1764, -3.3931

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5840, -49.5879, -8.4052 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(113, 147, 22)` looks like.

```
.text, #text, p{  
    color:rgb(113, 147, 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(113, 147, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 147, 22) }
```

Border

The CSS property to change the border of an element to YUV 122.5840, -49.5879, -8.4052 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(113, 147, 22) }
```


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

```
.border{ border-color:rgb(113, 147, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 147, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 147, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 147, 22);  
box-shadow:4px 4px 4px 4px rgb(113, 147,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 122.5840, -49.5879, -8.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 147, 22) }
```

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

```
.background{ background-color: rgb(113,  
147, 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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