

Converting Colors

YUV(122.8390, -29.5006,
-11.2598)

Have a look what the booklet for
YUV(122.8390, -29.5006, -11.2598)
contains.

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Color

**YUV(122.8390, -29.5006,
-11.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8D3F
RGB	110, 141, 63
RGB Percent	43%, 55%, 25%
CMY	0.5686, 0.4471, 0.7529
CMYK	0.22, 0.00, 0.55, 0.45
HSL	84°, 38%, 40%
HSV	84°, 55%, 55%
XYZ	16.8525, 22.7236, 8.2005
YIQ	122.8390, 6.5620, -30.8300

Conversions

Conversions Part 2

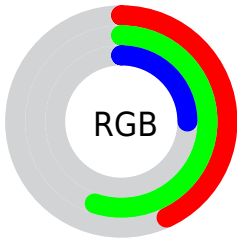
Format	Color
RYB	63, 141, 94
Decimal	7245119
CIELab	54.79, -24.22, 37.58
CIELCh	55, 44.712, 122.797
Yxy	22.7236, 0.3527, 0.4756
Android (android.graphics.Color)	4285435199 (0xFF6E8D3F)
YUV	122.8390, -29.5006, -11.2598
Hunter-Lab	47.6693, -20.3164, 23.1689

Details

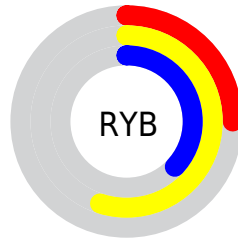
The YUV color **122.8390, -29.5006, -11.2598** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81.1610, 29.5006, 11.2598**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0840, -31.1004, -11.4747**, and **72.5400, -29.3532, -11.8746** is the 20% darker color. If you saturate the color by 10%, you get **119.4490, -34.7314, -13.5488**, and if you desaturate by 10%, it is **126.2290, -24.2699, -8.9708**.

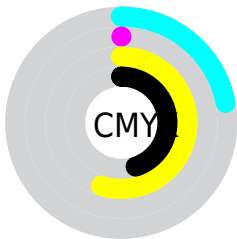
Distribution



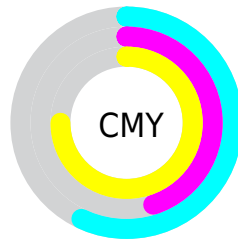
- Red (43%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (37%)



- Cyan (22%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (57%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8390, -29.5006, -11.2598 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 122.8390, -29.5006, -11.2598 by changing the saturation by 10% instead.

■ 122.8390,
-29.5006, -11.2598

■ 122.8390,
-29.5006, -11.2598

■ 255.0000, 0.0000,
0.0000

■ 97.0670, -28.6270,
-11.4598

■ 176.0840,
-31.1004, -11.4747

■ 72.5400, -29.3532,
-11.8746

■ 203.8560,
-31.9740, -11.2747

■ 49.7940, -24.5484,
-12.9743

■ 231.7420,
-32.4108, -11.1747

■ 28.5190, -14.0599,
-17.1182

■ 245.9530,
-25.6128, 1.7952

■ 14.6750, -7.2348,
-12.8700

■ 251.2380,
-14.4143, 3.2993

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 122.8390,
-29.5006, -11.2598

■ 122.8390,
-29.5006, -11.2598

■ 119.4490,
-34.7314, -13.5488

■ 126.2290,
-24.2699, -8.9708

■ 116.3580,
-40.1095, -15.2230

■ 129.3200,
-18.8918, -7.2966

■ 112.9680,
-45.3402, -17.5119

■ 132.7100,
-13.6610, -5.0077

■ 109.8770,
-50.7184, -19.1861

■ 135.8010, -8.2829,
-3.3335

■ 108.1820,
-53.3337, -20.3306

■ 139.3050, -2.6154,
-1.1445

■ 142.6950, 2.6154,
1.1445

■ 145.7860, 7.9935,
2.8187

■ 149.1760, 13.2242,
5.1076

■ 152.2670, 18.6024,
6.7818

Harmonies

Analogous

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



126.8600, -37.8920, 20.2938



122.8390, -29.5006, -11.2598



114.3360, -10.0256, -51.1607

Triad

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



122.8390, -29.5006, -11.2598



107.2140, 45.2505, -94.0267



132.0430, -1.5002, 61.3523

Complementary

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



122.8390, -29.5006, -11.2598



81.1610, 29.5006, 11.2598

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.



135.0910, 15.7311, 41.1392



122.8390, -29.5006, -11.2598



121.5060, 42.6415, -50.4328

Square

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



122.8390, -29.5006, -11.2598



107.6580, 31.7206, -94.4161



133.4590, 30.8327, 3.9825



130.6350, -19.5401, 60.8331

Rectangle

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



122.8390, -29.5006, -11.2598



101.7300, 9.0071, -89.2172



133.4590, 30.8327, 3.9825



133.2040, 4.3364, 55.9491

Sweetspot

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



122.8390, -29.5006, -11.2598



176.4650, -12.0612, -4.7928



103.9320, -20.1795, 32.5086



87.7410, -7.2673, -2.4039



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.



122.8390, -29.5006, -11.2598



155.4410, -46.0664, -17.9268



111.4770, -23.8992, -34.6213



69.6040, -2.7628, -0.5297



103.4640, -51.0078, -19.7009



6.1910, -3.0522, -1.0445

Inverse Universe

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



81.1610, 29.5006, 11.2598



90.5590, 46.0664, 17.9268



92.5230, 23.8992, 34.6213



65.6950, 2.6154, 1.1445



31.5360, 51.0078, 19.7009



1.8090, 3.0522, 1.0445

Previews

White Background



This preview shows how the YUV color 122.8390, -29.5006, -11.2598 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 122.8390, -29.5006, -11.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

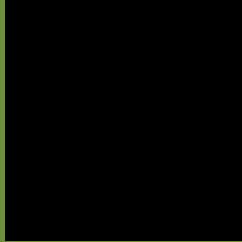
Any Text WCAG AA ✓ Pass

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 122.8390, -29.5006, -11.2598 Background



This preview shows how black text looks on a background with the YUV color 122.8390, -29.5006, -11.2598.



This preview shows how white text looks on a background with the YUV color 122.8390, -29.5006, -11.2598.

-11.2598.

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

122.8390, -29.5006, -11.2598

Protanopia

127.0920, -33.0764, 15.7053

Deuteranopia

129.1520, -30.6409, 27.9307



Tritanopia

130.2530, 6.2843, -8.9919

Trichromacy



Original Color

122.8390, -29.5006, -11.2598

Protanomaly

125.6670, -31.8808, 5.5540

Deuteranomaly

126.8790, -30.0133, 13.2611

Tritanomaly

127.5120, -6.6614, -10.0960

Monochromacy



Original Color

122.8390, -29.5006, -11.2598

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1060, -10.8983, -4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8390, -29.5006, -11.2598 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(110, 141, 63)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 63)  
}
```

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(110, 141, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 63) }
```

Border

The CSS property to change the border of an element to YUV 122.8390, -29.5006, -11.2598 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(110, 141, 63) }
```


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

```
.border{ border-color:rgb(110, 141, 63) }
```

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

Here you see how a box with a 4 pixel rgb(110, 141, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 63);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 122.8390, -29.5006, -11.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 63) }
```

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

```
.background{ background-color: rgb(110,  
141, 63) }
```

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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