

Converting Colors

YUV(121.2510, -44.4937,
-8.9901)

Have a look what the booklet for
YUV(121.2510, -44.4937, -8.9901)
contains.

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Color

**YUV(121.2510, -44.4937,
-8.9901)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F901F |
| RGB | 111, 144, 31 |
| RGB Percent | 44%, 56%, 12% |
| CMY | 0.5647, 0.4353, 0.8784 |
| CMYK | 0.23, 0.00, 0.78, 0.44 |
| HSL | 78°, 65%, 34% |
| HSV | 78°, 78%, 56% |
| XYZ | 16.7761, 23.4250, 4.9336 |
| YIQ | 121.2510, 16.6050, -42.1390 |

Conversions

Conversions Part 2

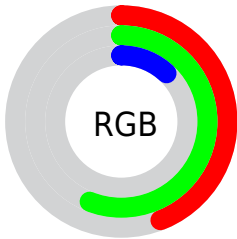
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 31, 144, 64 |
| Decimal | 7311391 |
| CIE _{Lab} | 55.51, -27.75, 51.99 |
| CIE _{LCh} | 56, 58.930, 118.093 |
| Yxy | 23.4250, 0.3717, 0.5190 |
| Android (android.graphics.Color) | 4285501471 (0xFF6F901F) |
| YUV | 121.2510, -44.4937, -8.9901 |
| Hunter-Lab | 48.3993, -22.8273, 27.8358 |

Details

The YUV color **121.2510, -44.4937, -8.9901** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **53.7490, 44.4937, 8.9901**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5500, -44.6412, -8.3754**, and **71.9330, -35.4630, -12.2192** is the 20% darker color. If you saturate the color by 10%, you get **118.4590, -50.0193, -10.0495**, and if you desaturate by 10%, it is **124.0430, -38.9682, -7.9307**.

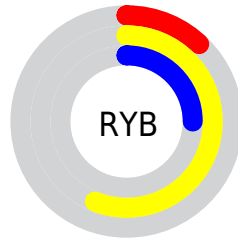
Distribution



Red (44%)

Green (56%)

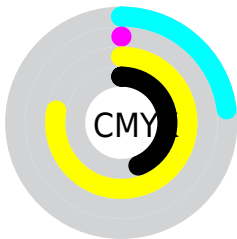
Blue (12%)



Red (12%)

Yellow (56%)

Blue (25%)

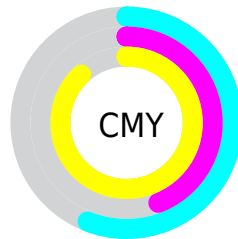


Cyan (23%)

Magenta (0%)

Yellow (78%)

Black (44%)



Cyan (56%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2510, -44.4937, -8.9901 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 121.2510, -44.4937, -8.9901 by changing the saturation by 10% instead.

■ 121.2510,
-44.4937, -8.9901

■ 121.2510,
-44.4937, -8.9901

■ 255.0000, 0.0000,
0.0000

■ 94.3820, -46.5303,
-9.1050

■ 175.5500,
-44.6412, -8.3754

■ 71.9330, -35.4630,
-12.2192

■ 203.3220,
-45.5147, -8.1754

■ 50.6580, -24.9744,
-16.3631

■ 232.0940,
-46.3883, -7.9754

■ 27.8880, -13.7488,
-23.5808

■ 243.9570,
-38.4328, 7.0537

■ 16.4360, -8.1029,
-14.4144

■ 248.0460,
-26.6447, 6.0987

■ 0.0000, 0.0000,
0.0000

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 121.2510,
-44.4937, -8.9901

■ 121.2510,
-44.4937, -8.9901

■ 118.4590,
-50.0193, -10.0495

■ 124.0430,
-38.9682, -7.9307

■ 115.5530,
-55.9816, -11.0090

■ 126.9490,
-33.0059, -6.9713

■ 115.0260,
-56.7078, -11.4238

■ 130.0400,
-27.6277, -5.2971

■ 132.9460,
-21.6654, -4.3376

■ 135.7380,
-16.1398, -3.2782

■ 138.5300,
-10.6143, -2.2188

■ 141.4360, -4.6519,
-1.2594

■ 144.5270, 0.7262,
0.4148

■ 147.4330, 6.6885,
1.3743

Harmonies

Analogous

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



125.1160, -56.2592, 31.4703



121.2510, -44.4937, -8.9901



106.5480, -15.0602, -69.7636

Triad

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



121.2510, -44.4937, -8.9901



114.1900, 51.6713, -100.1446



130.5320, 3.6817, 79.3404

Complementary

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



121.2510, -44.4937, -8.9901



53.7490, 44.4937, 8.9901

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.



136.0670, 25.6030, 48.1762



121.2510, -44.4937, -8.9901



108.9700, 62.1328, -95.5667

Square

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



121.2510, -44.4937, -8.9901



112.6790, 33.1893, -98.8195



134.2370, 44.2532, -7.2238



128.6530, -20.0419, 81.8653

Rectangle

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



121.2510, -44.4937, -8.9901



104.1120, 2.9028, -91.3062



134.2370, 44.2532, -7.2238



132.5510, 11.5604, 72.3078

Sweetspot

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



121.2510, -44.4937, -8.9901



176.9830, -17.7396, -3.4931



83.5710, -25.9175, 52.9962



88.5300, -10.6143, -2.2188



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.2510, -44.4937, -8.9901



150.8010, -68.9219, -13.8575



104.5070, -36.2390, -43.4176



69.6040, -2.7628, -0.5297



107.9490, -53.2189, -10.4793



6.1910, -3.0522, -1.0445

Inverse Universe

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



53.7490, 44.4937, 8.9901



46.1990, 68.9219, 13.8575



70.4930, 36.2390, 43.4176



65.3960, 2.7628, 0.5297



27.0510, 53.2189, 10.4793



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 121.2510, -44.4937, -8.9901 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 121.2510, -44.4937, -8.9901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

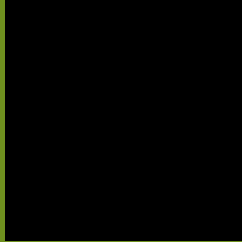
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.2510, -44.4937, -8.9901

Background



This preview shows how black text looks on a background with the YUV color 121.2510, -44.4937, -8.9901.



This preview shows how white text looks on a background with the YUV color 121.2510, -44.4937, -8.9901.

-8.9901.

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

121.2510, -44.4937, -8.9901

Protanopia

125.8140, -48.2223, 20.3341

Deuteranopia

128.1560, -43.4609, 33.1892



Tritanopia

131.9650, 6.4263, -7.8623

Trichromacy



Original Color

121.2510, -44.4937, -8.9901

Protanomaly

124.0900, -46.8794, 9.5681

Deuteranomaly

125.9430, -43.8489, 17.5900

Tritanomaly

128.4430, -12.0504, -8.2815

Monochromacy



Original Color

121.2510, -44.4937, -8.9901

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7380, -16.1398, -3.2782

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2510, -44.4937, -8.9901 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(111, 144, 31)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 31)  
}
```

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(111, 144, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 31) }
```

Border

The CSS property to change the border of an element to YUV 121.2510, -44.4937, -8.9901 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(111, 144, 31) }
```


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

```
.border{ border-color:rgb(111, 144, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 31);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 121.2510, -44.4937, -8.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 31) }
```

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

```
.background{ background-color: rgb(111,  
144, 31) }
```

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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