

Converting Colors

YUV(119.9410, -44.3409,
-11.3493)

Have a look what the booklet for
YUV(119.9410, -44.3409, -11.3493)
contains.

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Color

**YUV(119.9410, -44.3409,
-11.3493)**

Conversions

Conversions Part 1

Format	Color
Hex	6B901E
RGB	107, 144, 30
RGB Percent	42%, 56%, 12%
CMY	0.5804, 0.4353, 0.8824
CMYK	0.26, 0.00, 0.79, 0.44
HSL	79°, 66%, 34%
HSV	79°, 79%, 56%
XYZ	16.2710, 23.1661, 4.8422
YIQ	119.9410, 14.5420, -43.2980

Conversions

Conversions Part 2

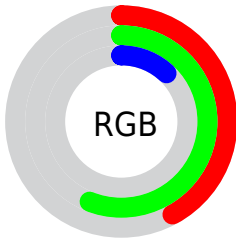
Format	Color
R_{YB}	30, 144, 67
Decimal	7049246
CIE _{Lab}	55.24, -29.45, 51.97
CIE _{LCh}	55, 59.740, 119.541
Yxy	23.1661, 0.3675, 0.5232
Android (android.graphics.Color)	4285239326 (0xFF6B901E)
YUV	119.9410, -44.3409, -11.3493
Hunter-Lab	48.1311, -23.8865, 27.7269

Details

The YUV color **119.9410, -44.3409, -11.3493** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **54.0590, 44.3409, 11.3493**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2400, -44.4883, -10.7345**, and **70.7370, -34.8733, -14.6783** is the 20% darker color. If you saturate the color by 10%, you get **116.8500, -49.7190, -13.0234**, and if you desaturate by 10%, it is **123.0320, -38.9628, -9.6751**.

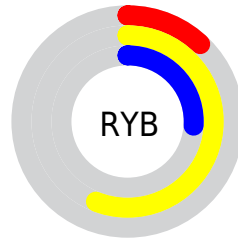
Distribution



Red (42%)

Green (56%)

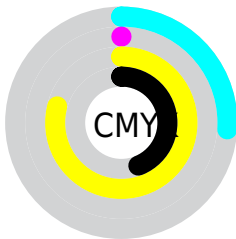
Blue (12%)



Red (12%)

Yellow (56%)

Blue (26%)

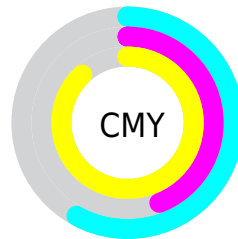


Cyan (26%)

Magenta (0%)

Yellow (79%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9410, -44.3409, -11.3493 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 119.9410, -44.3409, -11.3493 by changing the saturation by 10% instead.

■ 119.9410,
-44.3409, -11.3493

■ 119.9410,
-44.3409, -11.3493

■ 255.0000, 0.0000,
0.0000

■ 93.1860, -45.9407,
-11.5641

■ 174.2400,
-44.4883, -10.7345

■ 70.7370, -34.8733,
-14.6783

■ 202.1260,
-44.9251, -10.6345

■ 48.8750, -24.0954,
-18.3074

■ 230.7840,
-46.2355, -10.3346

■ 27.5890, -13.6014,
-24.1956

■ 242.6470,
-38.2800, 4.6946

■ 15.8490, -7.8136,
-13.8996

■ 247.9320,
-27.0815, 6.1986

■ 0.0000, 0.0000,
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 119.9410,
-44.3409, -11.3493

■ 119.9410,
-44.3409, -11.3493

■ 116.8500,
-49.7190, -13.0234

■ 123.0320,
-38.9628, -9.6751

■ 113.9440,
-55.6814, -13.9829

■ 125.9380,
-33.0004, -8.7156

■ 113.5310,
-55.9708, -14.4977

■ 129.0290,
-27.6223, -7.0414

■ 132.2340,
-21.8074, -5.4672

■ 135.0260,
-16.2818, -4.4078

■ 138.1170,
-10.9037, -2.7336

■ 141.3220, -5.0887,
-1.1594

■ 144.1140, 0.4368,
-0.1000

■ 147.3190, 6.2517,
1.4742

Harmonies

Analogous

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



124.0080, -59.1639, 29.8110



119.9410, -44.3409, -11.3493



99.4970, -11.0910, -82.8739

Triad

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



119.9410, -44.3409, -11.3493



113.8310, 52.8343, -99.8298



129.3150, 2.8027, 81.2847

Complementary

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



119.9410, -44.3409, -11.3493



54.0590, 44.3409, 11.3493

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.



134.6760, 25.3027, 51.1501



119.9410, -44.3409, -11.3493



108.4970, 62.8590, -95.1519

Square

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



119.9410, -44.3409, -11.3493



112.3200, 34.3522, -98.5046



133.8460, 43.9529, -4.2499



127.6100, -21.4997, 82.7800

Rectangle

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



119.9410, -44.3409, -11.3493



103.7530, 4.0658, -90.9914



133.8460, 43.9529, -4.2499



130.7470, 10.9707, 74.7669

Sweetspot

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



119.9410, -44.3409, -11.3493



176.6840, -17.5922, -4.1079



85.2180, -27.2225, 51.5518



88.2310, -10.4669, -2.8336



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.



119.9410, -44.3409, -11.3493



148.7790, -68.9110, -17.3462



103.1970, -36.0861, -45.7768



69.6040, -2.7628, -0.5297



106.4540, -52.4818, -13.5532



6.1910, -3.0522, -1.0445

Inverse Universe

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



54.0590, 44.3409, 11.3493



46.5200, 68.7636, 17.9610



70.8030, 36.0861, 45.7768



65.6950, 2.6154, 1.1445



28.5460, 52.4818, 13.5532



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 119.9410, -44.3409, -11.3493 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 119.9410, -44.3409, -11.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

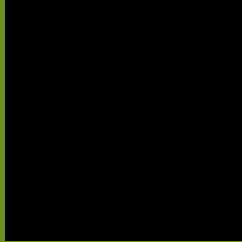
Any Text WCAG AA ✓ Pass

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 119.9410, -44.3409, -11.3493 Background



This preview shows how black text looks on a background with the YUV color 119.9410, -44.3409, -11.3493.



This preview shows how white text looks on a background with the YUV color 119.9410, -44.3409, -11.3493.

-11.3493.

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

119.9410, -44.3409, -11.3493

Protanopia

124.8140, -48.2223, 20.3341

Deuteranopia

127.1560, -43.4609, 33.1892



Tritanopia

131.0680, 6.8685, -9.7066

Trichromacy



Original Color

119.9410, -44.3409, -11.3493

Protanomaly

122.7910, -46.7320, 8.9533

Deuteranomaly

124.6440, -43.7015, 16.9752

Tritanomaly

127.1330, -11.8976, -10.6406

Monochromacy



Original Color

119.9410, -44.3409, -11.3493

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0260, -16.2818, -4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9410, -44.3409, -11.3493 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(107, 144, 30)` looks like.

```
.text, #text, p{  
    color:rgb(107, 144, 30)  
}
```

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(107, 144, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 144, 30) }
```

Border

The CSS property to change the border of an element to YUV 119.9410, -44.3409, -11.3493 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(107, 144, 30) }
```


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

```
.border{ border-color:rgb(107, 144, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 144, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 144, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 144, 30);  
box-shadow:4px 4px 4px 4px rgb(107, 144,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 119.9410, -44.3409, -11.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 144, 30) }
```

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

```
.background{ background-color: rgb(107,  
144, 30) }
```

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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