

Converting Colors

YUV(104.2490, -38.0838,
-11.6194)

Have a look what the booklet for
YUV(104.2490, -38.0838, -11.6194)
contains.

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Color

**YUV(104.2490, -38.0838,
-11.6194)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7E1B
RGB	91, 126, 27
RGB Percent	36%, 49%, 11%
CMY	0.6431, 0.5059, 0.8941
CMYK	0.28, 0.00, 0.79, 0.51
HSL	81°, 65%, 30%
HSV	81°, 79%, 49%
XYZ	11.9731, 17.2250, 3.7306
YIQ	104.2490, 10.9190, -38.2090

Conversions

Conversions Part 2

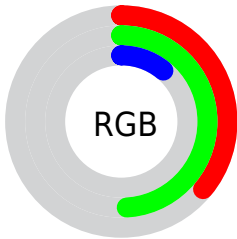
Format	Color
R_{YB}	27, 126, 62
Decimal	5996059
CIE Lab	48.54, -27.55, 46.32
CIE LCh	49, 53.897, 120.747
Yxy	17.2250, 0.3636, 0.5231
Android (android.graphics.Color)	4284186139 (0xFF5B7E1B)
YUV	104.2490, -38.0838, -11.6194
Hunter-Lab	41.5030, -21.1353, 23.7226

Details

The YUV color **104.2490, -38.0838, -11.6194** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **48.7510, 38.0838, 11.6194**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1350, -38.5206, -11.5194**, and **57.1590, -28.1794, -15.0484** is the 20% darker color. If you saturate the color by 10%, you get **101.5710, -43.1725, -12.7788**, and if you desaturate by 10%, it is **106.9270, -32.9950, -10.4600**.

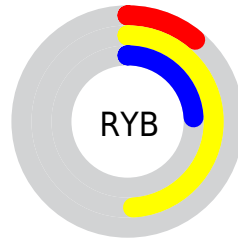
Distribution



Red (36%)

Green (49%)

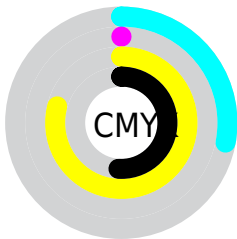
Blue (11%)



Red (11%)

Yellow (49%)

Blue (24%)

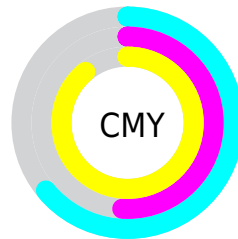


Cyan (28%)

Magenta (0%)

Yellow (79%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2490, -38.0838, -11.6194 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 104.2490, -38.0838, -11.6194 by changing the saturation by 10% instead.

■ 104.2490,
-38.0838, -11.6194

■ 104.2490,
-38.0838, -11.6194

■ 255.0000, 0.0000,
0.0000

■ 78.7220, -38.8099,
-12.0342

■ 157.1350,
-38.5206, -11.5194

■ 57.1590, -28.1794,
-15.0484

■ 184.3200,
-39.1048, -10.8046

■ 34.9870, -17.2486,
-21.0366

■ 212.6790,
-40.2677, -11.1195

■ 19.3710, -9.5499,
-16.9884

■ 236.1680,
-38.5368, -6.2863

■ 0.0000, 0.0000,
0.0000

■ 247.1340,
-30.1391, 6.8985

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

104.2490,
-38.0838, -11.6194

104.2490,
-38.0838, -11.6194

101.5710,
-43.1725, -12.7788

106.9270,
-32.9950, -10.4600

98.7080, -47.6770,
-14.6529

109.7900,
-28.4905, -8.5858

98.1810, -48.4032,
-15.0677

112.4680,
-23.4017, -7.4264

115.3310,
-18.8972, -5.5523

118.0090,
-13.8084, -4.3929

■ 120.9860, -8.8671,
-2.6187

■ 123.5500, -4.2151,
-1.3593

■ 126.5270, 0.7262,
0.4148

■ 129.0910, 5.3781,
1.6742

Harmonies

Analogous

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



108.3370, -51.4381, 25.1375



104.2490, -38.0838, -11.6194



85.8230, -8.7867, -75.2668

Triad

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



104.2490, -38.0838, -11.6194



99.0130, 46.8286, -86.8344



112.6190, 1.6668, 72.2481

Complementary

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



104.2490, -38.0838, -11.6194



48.7510, 38.0838, 11.6194

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.



117.6170, 21.3878, 46.8169



104.2490, -38.0838, -11.6194



94.0380, 55.6903, -82.4713

Square

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



104.2490, -38.0838, -11.6194



98.1860, 30.9673, -86.1091



117.2610, 37.8323, -1.1059



111.2990, -19.8674, 72.5288

Rectangle

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



104.2490, -38.0838, -11.6194



91.1180, 3.8858, -79.9105



117.2610, 37.8323, -1.1059



114.0080, 8.3771, 66.6450

Sweetspot

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



104.2490, -38.0838, -11.6194



154.3680, -14.9714, -4.7077



77.1460, -24.7220, 42.8450



76.5730, -9.1565, -3.1335



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



104.2490, -38.0838, -11.6194



129.4120, -58.8701, -17.9013



89.5980, -30.8608, -41.7434



62.3050, -2.6154, -1.1445



99.6540, -49.1294, -15.4826



0.0000, 0.0000, 0.0000

Inverse Universe

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



48.7510, 38.0838, 11.6194



43.5880, 58.8701, 17.9013



63.4020, 30.8608, 41.7434



58.6950, 2.6154, 1.1445



28.0470, 49.2768, 14.8678



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 104.2490, -38.0838, -11.6194 looks on a white 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

Black Background



This preview shows how the YUV color 104.2490, -38.0838, -11.6194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

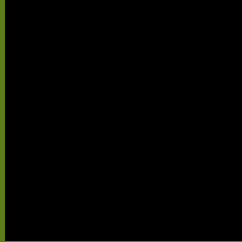
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2490, -38.0838, -11.6194 Background



This preview shows how black text looks on a background with the YUV color 104.2490, -38.0838, -11.6194.



This preview shows how white text looks on a background with the YUV color 104.2490, -38.0838, -11.6194.

-11.6194.

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

104.2490, -38.0838, -11.6194

Protanopia

108.8120, -41.8123, 17.7049

Deuteranopia

111.0290, -37.4823, 28.9156



Tritanopia

113.6550, 6.5791, -10.2214

Trichromacy



Original Color

104.2490, -38.0838, -11.6194

Protanomaly

107.0880, -40.4694, 6.9388

Deuteranomaly

108.5280, -37.7283, 14.4459

Tritanomaly

110.1160, -9.4242, -10.6257

Monochromacy



Original Color

104.2490, -38.0838, -11.6194

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0090, -13.8084, -4.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2490, -38.0838, -11.6194 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(91, 126, 27)` looks like.

```
.text, #text, p{  
    color:rgb(91, 126, 27)  
}
```

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(91, 126, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 126, 27) }
```

Border

The CSS property to change the border of an element to YUV 104.2490, -38.0838, -11.6194 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(91, 126, 27) }
```


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

```
.border{ border-color:rgb(91, 126, 27) }
```

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

Here you see how a box with a 4 pixel rgb(91, 126, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 126, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 126, 27);  
box-shadow:4px 4px 4px 4px rgb(91, 126,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 104.2490, -38.0838, -11.6194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 126, 27) }
```

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

```
.background{ background-color: rgb(91, 126,  
27) }
```

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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