

Converting Colors

YUV(108.9780, -40.4152,
-10.5047)

Have a look what the booklet for
YUV(108.9780, -40.4152, -10.5047)
contains.

YUV(108.9780, -40.4152, -10.5047)	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(108.9780, -40.4152,
-10.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	61831B
RGB	97, 131, 27
RGB Percent	38%, 51%, 11%
CMY	0.6196, 0.4863, 0.8941
CMYK	0.26, 0.00, 0.79, 0.49
HSL	80°, 66%, 31%
HSV	80°, 79%, 51%
XYZ	13.2439, 18.8531, 3.9779
YIQ	108.9780, 13.1200, -39.5520

Conversions

Conversions Part 2

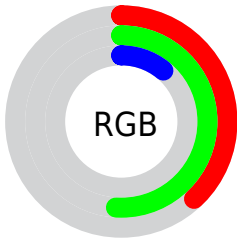
Format	Color
R_{YB}	27, 131, 61
Decimal	6390555
CIE Lab	50.51, -27.49, 48.32
CIE LCh	51, 55.588, 119.634
Yxy	18.8531, 0.3671, 0.5226
Android (android.graphics.Color)	4284580635 (0xFF61831B)
YUV	108.9780, -40.4152, -10.5047
Hunter-Lab	43.4202, -21.5398, 24.9623

Details

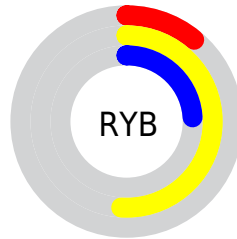
The YUV color **108.9780, -40.4152, -10.5047** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **49.0220, 40.4152, 10.5047**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2770, -40.5626, -9.8899**, and **61.3010, -30.2214, -13.4190** is the 20% darker color. If you saturate the color by 10%, you get **106.3000, -45.5039, -11.6641**, and if you desaturate by 10%, it is **111.6560, -35.3264, -9.3453**.

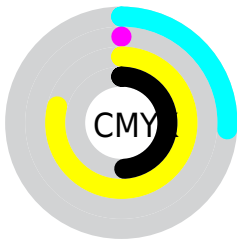
Distribution



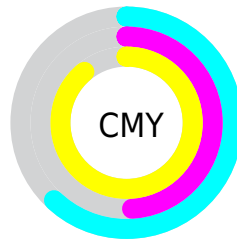
- Red (38%)
- Green (51%)
- Blue (11%)



- Red (11%)
- Yellow (51%)
- Blue (24%)



- Cyan (26%)
- Magenta (0%)
- Yellow (79%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9780, -40.4152, -10.5047 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 108.9780, -40.4152, -10.5047 by changing the saturation by 10% instead.

■ 108.9780,
-40.4152, -10.5047

■ 108.9780,
-40.4152, -10.5047

■ 255.0000, 0.0000,
0.0000

■ 83.4510, -41.1413,
-10.9195

■ 162.2770,
-40.5626, -9.8899

■ 61.3010, -30.2214,
-13.4190

■ 190.0490,
-41.4362, -9.6900

■ 39.4280, -19.4380,
-18.7924

■ 217.9350,
-41.8730, -9.5900

■ 21.7190, -10.7075,
-19.0476

■ 238.4890,
-38.6951, -2.1829

■ 2.3480, -1.1576,
-2.0592

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

108.9780,
-40.4152, -10.5047

108.9780,
-40.4152, -10.5047

106.3000,
-45.5039, -11.6641

111.6560,
-35.3264, -9.3453

103.3230,
-50.4452, -13.4383

114.6330,
-30.3851, -7.5711

103.2090,
-50.8820, -13.3383

117.3110,
-25.2963, -6.4117

119.9890,
-20.2076, -5.2524

122.7810,
-14.6820, -4.1929

■ 125.7580, -9.7407,
-2.4188

■ 128.4360, -4.6519,
-1.2594

■ 131.1140, 0.4368,
-0.1000

■ 134.0910, 5.3781,
1.6742

Harmonies

Analogous

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



112.7780, -53.6276, 27.3817



108.9780, -40.4152, -10.5047



91.0680, -10.3865, -75.4816

Triad

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



108.9780, -40.4152, -10.5047



103.4470, 48.5866, -90.7230



117.5700, 2.6770, 74.9221

Complementary

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



108.9780, -40.4152, -10.5047



49.0220, 40.4152, 10.5047

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.



122.3720, 22.9876, 47.0318



108.9780, -40.4152, -10.5047



98.4720, 57.4483, -86.3599

Square

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



108.9780, -40.4152, -10.5047



102.2780, 31.4149, -89.6978



121.8200, 40.0217, -3.3501



116.0220, -19.7308, 75.4027

Rectangle

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



108.9780, -40.4152, -10.5047



94.3950, 3.7493, -82.7844



121.8200, 40.0217, -3.3501



119.3610, 9.6820, 68.0894

Sweetspot

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



108.9780, -40.4152, -10.5047



162.1400, -15.8450, -4.5078



77.4670, -24.8802, 46.9484



81.4590, -9.5933, -3.0335



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



108.9780, -40.4152, -10.5047



136.6850, -62.9487, -16.3867



93.7290, -32.8974, -41.8583



64.7180, -2.3260, -0.6297



102.6220, -50.5926, -12.8235



2.3590, -1.1630, -0.3148

Inverse Universe

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



49.0220, 40.4152, 10.5047



43.3150, 62.9487, 16.3867



64.2710, 32.8974, 41.8583



61.2820, 2.3260, 0.6297



27.6770, 50.4452, 13.4383



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 108.9780, -40.4152, -10.5047 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 108.9780, -40.4152, -10.5047 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 108.9780, -40.4152, -10.5047 Background



This preview shows how black text looks on a background with the YUV color 108.9780, -40.4152, -10.5047.



This preview shows how white text looks on a background with the YUV color 108.9780, -40.4152, -10.5047.

-10.5047.

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

108.9780, -40.4152, -10.5047

Protanopia

113.5410, -44.1437, 18.8195

Deuteranopia

115.7580, -39.8137, 30.0302



Tritanopia

119.2530, 6.2843, -8.9919

Trichromacy



Original Color

108.9780, -40.4152, -10.5047

Protanomaly

111.8170, -42.8008, 8.0535

Deuteranomaly

113.2570, -40.0597, 15.5606

Tritanomaly

115.4860, -10.5926, -9.1962

Monochromacy



Original Color

108.9780, -40.4152, -10.5047

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0800, -14.8294, -3.5782

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9780, -40.4152, -10.5047 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(97, 131, 27)` looks like.

```
.text, #text, p{  
    color:rgb(97, 131, 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(97, 131, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 131, 27) }
```

Border

The CSS property to change the border of an element to YUV 108.9780, -40.4152, -10.5047 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(97, 131, 27) }
```


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

```
.border{ border-color:rgb(97, 131, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 131, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 131, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 131, 27);  
box-shadow:4px 4px 4px 4px rgb(97, 131,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 108.9780, -40.4152, -10.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 131, 27) }
```

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

```
.background{ background-color: rgb(97, 131,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor