

Converting Colors

YUV(109.9480, -34.4844,
47.4036)

Have a look what the booklet for
YUV(109.9480, -34.4844, 47.4036)
contains.

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Color

**YUV(109.9480, -34.4844,
47.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	A46028
RGB	164, 96, 40
RGB Percent	64%, 38%, 16%
CMY	0.3569, 0.6235, 0.8431
CMYK	0.00, 0.41, 0.76, 0.36
HSL	27°, 61%, 40%
HSV	27°, 76%, 64%
XYZ	19.8757, 16.4115, 4.1276
YIQ	109.9480, 58.5040, -3.0000

Conversions

Conversions Part 2

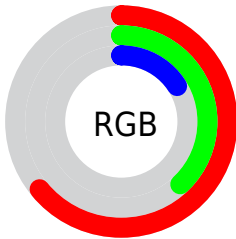
Format	Color
RYB	164, 142, 40
Decimal	10772520
CIELab	47.51, 23.03, 42.31
CIELCh	48, 48.175, 61.443
Yxy	16.4115, 0.4918, 0.4061
Android (android.graphics.Color)	4288962600 (0xFFA46028)
YUV	109.9480, -34.4844, 47.4036
Hunter-Lab	40.5111, 16.6821, 22.3167

Details

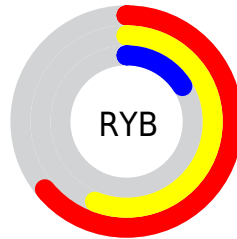
The YUV color **109.9480, -34.4844, 47.4036** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.0520, 34.4844, -47.4036**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1120, -36.5372, 52.5218**, and **60.7560, -29.9527, 40.5560** is the 20% darker color. If you saturate the color by 10%, you get **102.8410, -38.8686, 53.6364**, and if you desaturate by 10%, it is **117.0550, -30.1001, 41.1708**.

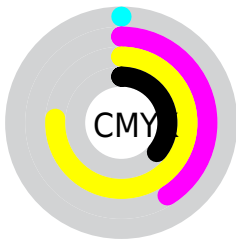
Distribution



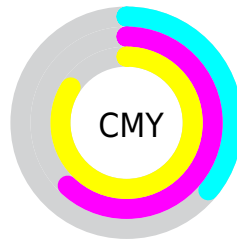
- Red (64%)
- Green (38%)
- Blue (16%)



- Red (64%)
- Yellow (56%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (76%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.9480, -34.4844, 47.4036 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 109.9480, -34.4844, 47.4036 by changing the saturation by 10% instead.


 109.9480,
-34.4844, 47.4036


 109.9480,
-34.4844, 47.4036


255.0000, 0.0000,
0.0000


 84.3390, -34.1841,
44.4297


 163.1120,
-36.5372, 52.5218


 60.7560, -29.9527,
40.5560


 191.0800,
-38.0004, 55.1808

 38.8830, -19.1693,
35.1826

 210.1920,
-34.6047, 39.2966

 18.4830, -9.1121,
29.3944

 230.2930,
-31.2034, 21.6680

 7.5890, -3.2484,
15.2694

 248.0460,
-26.6447, 6.0987

 0.0000, 0.0000,
0.0000

 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 109.9480,
-34.4844, 47.4036

■ 109.9480,
-34.4844, 47.4036

■ 102.8410,
-38.8686, 53.6364

■ 117.0550,
-30.1001, 41.1708

■ 95.6200, -43.6897,
59.9693

■ 124.2760,
-25.2791, 34.8379

■ 92.4740, -45.5897,
62.7283

■ 131.3830,
-20.8948, 28.6051

■ 138.6040,
-16.0738, 22.2723

■ 145.7110,
-11.6895, 16.0395

■ 152.8180, -7.3053,
9.8066

■ 160.0390, -2.4842,
3.4738

■ 167.1460, 1.9000,
-2.7590

■ 174.3670, 6.7211,
-9.0919

Harmonies

Analogous

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



110.5860, -18.5299, 63.5071



109.9480, -34.4844, 47.4036



107.2470, -41.5338, 21.7084

Triad

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



109.9480, -34.4844, 47.4036



90.3660, 11.1586, -79.2510



114.7190, 33.1695, 1.1234

Complementary

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



109.9480, -34.4844, 47.4036



94.0520, 34.4844, -47.4036

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.



90.7950, 50.8801, -79.6272



109.9480, -34.4844, 47.4036



95.0400, 29.0673, -83.3501

Square

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



109.9480, -34.4844, 47.4036



91.1070, -9.4198, -58.8528



95.5250, 43.6182, -83.7754



115.3730, 18.0571, 41.7689

Rectangle

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



109.9480, -34.4844, 47.4036



104.8530, -37.3955, 1.0059



95.5250, 43.6182, -83.7754



111.8630, 38.0285, -17.4199

Sweetspot

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



109.9480, -34.4844, 47.4036



192.5650, -13.5895, 18.7985



84.8280, 11.4238, 69.4338



94.1880, -8.4737, 11.2361



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



109.9480, -34.4844, 47.4036



128.9610, -54.2108, 74.5792



146.3420, -52.4266, 15.4861



78.0390, -2.4842, 3.4738



82.0970, -40.4738, 55.1659



10.0780, -4.9685, 6.9476

Inverse Universe

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



94.0520, 34.4844, -47.4036



104.0390, 54.2108, -74.5792



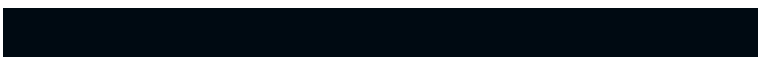
57.6580, 52.4266, -15.4861



76.9610, 2.4842, -3.4738



63.4900, 40.1844, -55.6807



7.9220, 4.9685, -6.9476

Previews

White Background



This preview shows how the YUV color 109.9480, -34.4844, 47.4036 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 109.9480, -34.4844, 47.4036 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 109.9480, -34.4844, 47.4036

Background



This preview shows how black text looks on a background with the YUV color 109.9480, -34.4844, 47.4036.



This preview shows how white text looks on a background with the YUV color 109.9480, -34.4844,

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

109.9480, -34.4844, 47.4036

Protanopia

109.1350, -31.6186, 14.7906

Deuteranopia

109.9580, -36.4613, 28.1008



Tritanopia

113.8210, -8.2928, 46.6380

Trichromacy



Original Color

109.9480, -34.4844, 47.4036

Protanomaly

109.5710, -32.8195, 26.6862

Deuteranomaly

110.1160, -36.0462, 34.9783

Tritanomaly

112.3020, -17.8969, 47.0931

Monochromacy



Original Color

109.9480, -34.4844, 47.4036

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1950, -12.4211, 17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9480, -34.4844, 47.4036 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(164, 96, 40)` looks like.

```
.text, #text, p{  
    color:rgb(164, 96, 40)  
}
```

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(164, 96, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 96, 40) }
```

Border

The CSS property to change the border of an element to YUV 109.9480, -34.4844, 47.4036 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(164, 96, 40) }
```


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

```
.border{ border-color:rgb(164, 96, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 96, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 96, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 96, 40);  
box-shadow:4px 4px 4px 4px rgb(164, 96,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 109.9480, -34.4844, 47.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 96, 40) }
```

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

```
.background{ background-color: rgb(164, 96,  
40) }
```

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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