

Converting Colors

YUV(61.9460, -18.2144, 8.8174)

Have a look what the booklet for
YUV(61.9460, -18.2144, 8.8174)
contains.

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Color

**YUV(61.9460, -18.2144,
8.8174)**

Conversions

Conversions Part 1

Format	Color
Hex	484019
RGB	72, 64, 25
RGB Percent	28%, 25%, 10%
CMY	0.7176, 0.7490, 0.9020
CMYK	0.00, 0.11, 0.65, 0.72
HSL	50°, 48%, 19%
HSV	50°, 65%, 28%
XYZ	4.6814, 5.1147, 1.6602
YIQ	61.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

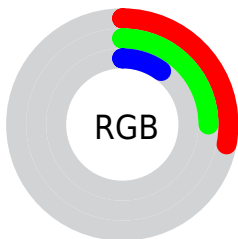
Format	Color
RYB	35, 72, 25
Decimal	4735001
CIELab	27.06, -2.32, 24.65
CIELCh	27, 24.755, 95.377
Yxy	5.1147, 0.4086, 0.4465
Android (android.graphics.Color)	4282925081 (0xFF484019)
YUV	61.9460, -18.2144, 8.8174
Hunter-Lab	22.6157, -2.6287, 11.4785

Details


The YUV color **61.9460, -18.2144, 8.8174** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.0540, 18.2144, -8.8174**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2020, -19.8196, 10.3468**, and **20.6880, -10.1992, 4.6586** is the 20% darker color. If you saturate the color by 10%, you get **60.5610, -20.9826, 10.0320**, and if you desaturate by 10%, it is **63.3310, -15.4462, 7.6027**.

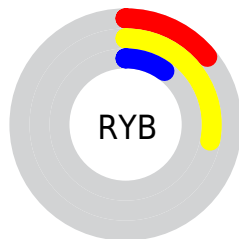
Distribution



 Red (28%)

 Green (25%)

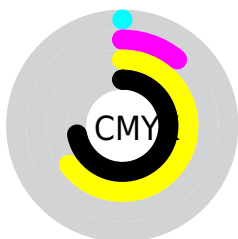
 Blue (10%)



 Red (14%)

 Yellow (28%)

 Blue (10%)

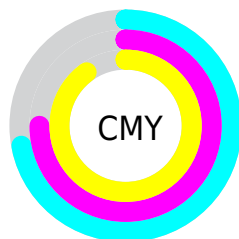



 Cyan (0%)


 Magenta (11%)

 Yellow (65%)

 Black (72%)



 Cyan (72%)

 Magenta (75%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9460, -18.2144, 8.8174 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 61.9460, -18.2144, 8.8174 by changing the saturation by 10% instead.

■ 61.9460, -18.2144,
8.8174

■ 61.9460, -18.2144,
8.8174

255.0000, 0.0000,
0.0000

■ 39.3050, -19.3774,
8.5025

■ 110.2020,
-19.8196, 10.3468

■ 20.6880, -10.1992,
4.6586

■ 135.3870,
-20.4038, 11.0616

■ 0.0000, 0.0000,
0.0000

■ 161.8710,
-21.1354, 12.3911

■ 188.7570,
-21.5722, 12.4911

■ 216.8280,
-22.5932, 13.3058

■ 243.3330,

-21.8562, 10.2320

■ 251.8080,
-12.2303, 2.7994

■ 61.9460, -18.2144,
8.8174

■ 61.9460, -18.2144,
8.8174

■ 60.5610, -20.9826,
10.0320

■ 63.3310, -15.4462,
7.6027

■ 59.1760, -23.7508,
11.2466

■ 64.7160, -12.6780,
6.3881

■ 57.0900, -26.6664,
13.0761

■ 66.8020, -9.7624,
4.5586

■ 56.7480, -27.9768,
13.3760

■ 68.1870, -6.9942,
3.3440

■ 69.5720, -4.2260,
2.1294

■ 70.9570, -1.4578,
0.9147

■ 72.9290, 1.0210,
-0.8147

■ 74.4280, 4.2260,
-2.1294

■ 75.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



63.1910, -16.3632, 21.7575



61.9460, -18.2144, 8.8174



59.6990, -13.6556, -6.7520

Triad

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



61.9460, -18.2144, 8.8174



52.5410, 16.0023, -46.0785



65.9670, 6.9183, 21.0769

Complementary

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



61.9460, -18.2144, 8.8174



35.0540, 18.2144, -8.8174

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.



65.8060, 14.3926, 3.6781



61.9460, -18.2144, 8.8174



52.2620, 22.5488, -45.8338

Square

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



61.9460, -18.2144, 8.8174



51.0760, 7.8505, -44.7937



61.0310, 19.7047, -20.1982



64.7310, -1.8394, 30.0539

Rectangle

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



61.9460, -18.2144, 8.8174



57.8160, -7.7973, -19.1326



61.0310, 19.7047, -20.1982



66.3300, 9.6973, 16.3736

Sweetspot

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



61.9460, -18.2144, 8.8174



90.0730, -7.4310, 3.4440



40.0790, -2.9969, 27.9947



45.5720, -4.2260, 2.1294



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



61.9460, -18.2144, 8.8174



78.6340, -28.4136, 13.4760



62.1570, -18.3184, -4.5227



34.9570, -1.4578, 0.9147



78.3220, -38.6127, 18.1346



178.2290, -87.8669, 42.7722

Inverse Universe

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



35.0540, 18.2144, -8.8174



36.3660, 28.4136, -13.4760



34.8430, 18.3184, 4.5227



33.0430, 1.4578, -0.9147



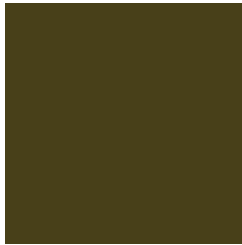
21.2650, 38.3234, -18.6494



48.7710, 87.8669, -42.7722

Previews

White Background



This preview shows how the YUV color 61.9460, -18.2144, 8.8174 looks on a white background.

Color Contrast Check

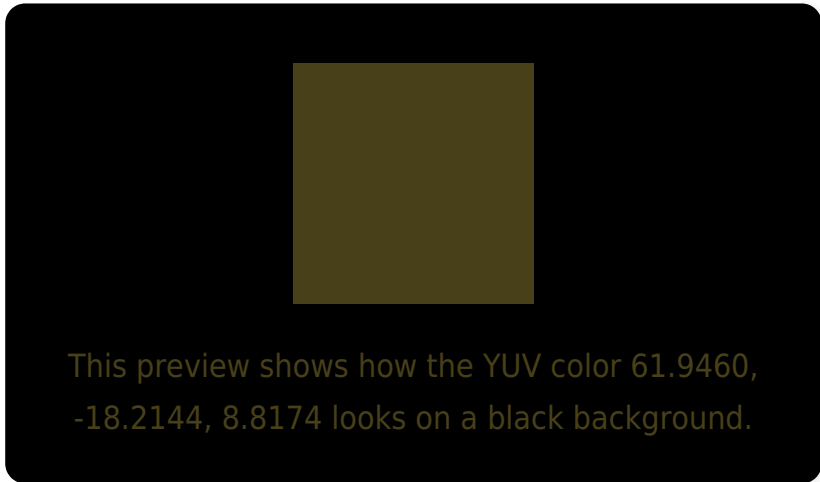
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 61.9460, -18.2144, 8.8174

Background



This preview shows how black text looks on a background with the YUV color 61.9460, -18.2144, 8.8174.



This preview shows how white text looks on a background with the YUV color 61.9460, -18.2144,

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

61.9460, -18.2144, 8.8174

Protanopia

61.6470, -18.0670, 8.2026

Deuteranopia

62.6910, -18.0887, 15.1800



Tritanopia

65.0550, -0.0271, 8.7218

Trichromacy



Original Color

61.9460, -18.2144, 8.8174

Protanomaly

61.6470, -18.0670, 8.2026

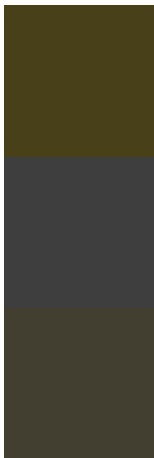
Deuteranomaly

62.3810, -17.9358, 12.8209

Tritanomaly

63.6330, -6.7211, 9.0919

Monochromacy



Original Color

61.9460, -18.2144, 8.8174

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.3010, -6.5574, 3.2440

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9460, -18.2144, 8.8174 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(72, 64, 25)` looks like.

```
.text, #text, p{  
    color:rgb(72, 64, 25)  
}
```

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(72, 64, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 64, 25) }
```

Border

The CSS property to change the border of an element to YUV 61.9460, -18.2144, 8.8174 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(72, 64, 25) }
```


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

```
.border{ border-color:rgb(72, 64, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 64, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 64, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 64, 25);  
box-shadow:4px 4px 4px 4px rgb(72, 64, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.9460, -18.2144, 8.8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 64, 25) }
```

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

```
.background{ background-color: rgb(72, 64,  
25) }
```

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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