

# Converting Colors

YUV(44.0690, -18.2750,  
-18.4775)

Have a look what the booklet for  
YUV(44.0690, -18.2750, -18.4775)  
contains.

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# Color

**YUV(44.0690, -18.2750,  
-18.4775)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	173E07
RGB	23, 62, 7
RGB Percent	9%, 24%, 3%
CMY	0.9098, 0.7569, 0.9725
CMYK	0.63, 0.00, 0.89, 0.76
HSL	103°, 80%, 14%
HSV	103°, 89%, 24%
XYZ	2.1143, 3.6427, 0.7927
YIQ	44.0690, -5.5890, -25.3730

# Conversions

## Conversions Part 2

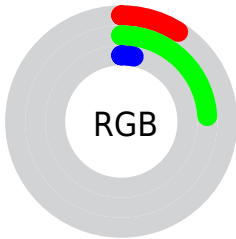
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 62, 46
Decimal	1523207
CIE <sub>Lab</sub>	22.45, -25.13, 27.37
CIE <sub>LCh</sub>	22, 37.158, 132.549
Yxy	3.6427, 0.3228, 0.5562
Android (android.graphics.Color)	4279713287 (0xFF173E07)
YUV	44.0690, -18.2750, -18.4775
Hunter-Lab	19.0860, -13.6264, 10.8977

# Details

The YUV color **44.0690, -18.2750, -18.4775** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **24.9310, 18.2750, 18.4775**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1400, -19.2960, -17.6628**, and **9.3920, -4.6303, -8.2368** is the 20% darker color. If you saturate the color by 10%, you get **42.1890, -20.3062, -20.3368**, and if you desaturate by 10%, it is **45.9490, -16.2439, -16.6183**.

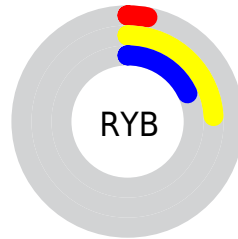
# Distribution



Red (9%)

Green (24%)

Blue (3%)



Red (3%)

Yellow (24%)

Blue (18%)

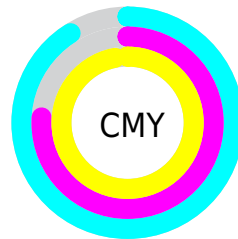


Cyan (63%)

Magenta (0%)

Yellow (89%)

Black (76%)



Cyan (91%)

Magenta (76%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 44.0690, -18.2750, -18.4775 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 44.0690, -18.2750, -18.4775 by changing the saturation by 10% instead.



■ 44.0690, -18.2750,  
-18.4775

■ 44.0690, -18.2750,  
-18.4775

■ 252.8340, -8.2992,  
1.8996

■ 23.4800, -11.5756,  
-20.5920

■ 92.1400, -19.2960,  
-17.6628

■ 9.3920, -4.6303,  
-8.2368

■ 117.3140,  
-19.8748, -18.6924

■ 0.0000, 0.0000,  
0.0000


■ 143.0860,  
-20.7484, -18.4924


■ 169.9720,  
-21.1852, -18.3924


■ 197.4450,  
-21.9114, -18.8073


■ 225.6190,


-22.4902, -19.8369


 242.6510,  
-17.5759, -9.3409


 44.0690, -18.2750,  
-18.4775


 44.0690, -18.2750,  
-18.4775


 42.1890, -20.3062,  
-20.3368


 45.9490, -16.2439,  
-16.6183

 41.7760, -20.5956,  
-20.8516

 48.1280, -14.3601,  
-14.1443

 50.1220, -11.8921,  
-12.3850

 52.3010, -10.0084,  
-9.9110

 54.1810, -7.9772,  
-8.0517

■ 56.0610, -5.9461,  
-6.1925

■ 58.2400, -4.0623,  
-3.7185

■ 60.2340, -1.5944,  
-1.9592

■ 62.4130, 0.2894,  
0.5148

# Harmonies

## Analogous

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



49.6160, -24.4607, 5.5988



44.0690, -18.2750, -18.4775



42.2590, -3.0857, -37.0611

# Triad

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



44.0690, -18.2750, -18.4775



48.0050, 29.0845, -42.1004



48.9010, -2.9092, 46.5678

# Complementary

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



44.0690, -18.2750, -18.4775



24.9310, 18.2750, 18.4775

# 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.



52.0490, 9.3428, 36.7910



44.0690, -18.2750, -18.4775



43.7220, 31.6891, -37.4672

# Square

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



44.0690, -18.2750, -18.4775



48.5290, 20.9382, -42.5599



55.5280, 19.4597, 11.8149



50.6000, -16.5648, 39.8158



# Rectangle

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



44.0690, -18.2750, -18.4775



45.0120, 4.9241, -39.4755



55.5280, 19.4597, 11.8149



49.7420, 1.6062, 44.9533

# Sweetspot

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



44.0690, -18.2750, -18.4775



74.7080, -7.2510, -7.6369



45.7510, -19.1042, 14.2504



36.8270, -4.3517, -4.2333



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



44.0690, -18.2750, -18.4775



55.3100, -27.2678, -27.4589



40.5390, -11.1117, -29.4137



29.7610, -0.8682, -1.5444



63.2510, -31.1827, -31.7921



149.7490, -73.8263, -74.3249



# Inverse Universe

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



24.9310, 18.2750, 18.4775



26.6900, 27.2678, 27.4589



28.4610, 11.1117, 29.4137



28.9400, 1.0156, 0.9296



30.7490, 31.1827, 31.7921

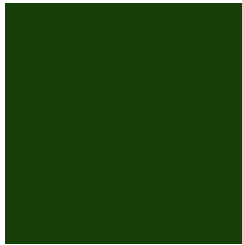


72.2510, 73.8263, 74.3249



# Previews

## White Background



This preview shows how the YUV color 44.0690, -18.2750, -18.4775 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

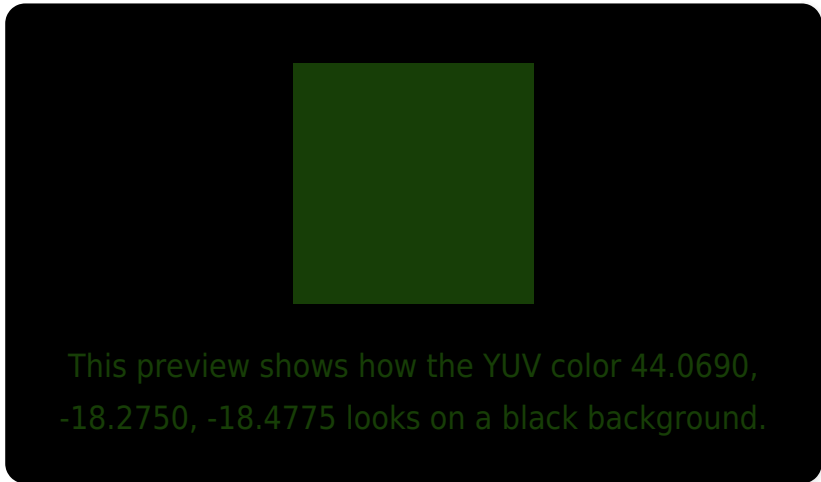
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

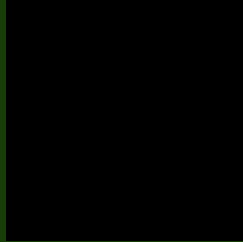
Any Text WCAG AA × Fail

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 44.0690, -18.2750, -18.4775 Background



This preview shows how black text looks on a background with the YUV color 44.0690, -18.2750, -18.4775.



This preview shows how white text looks on a background with the YUV color 44.0690, -18.2750,



# 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

44.0690, -18.2750, -18.4775

### Protanopia

50.3930, -22.8717, 9.3023

### Deuteranopia

51.9790, -18.2306, 14.0504



## Tritanopia

51.2800, 5.2850, -15.1546

# Trichromacy



## Original Color

44.0690, -18.2750, -18.4775

## Protanomaly

48.0820, -21.2394, -0.9489

## Deuteranomaly

49.2010, -18.3401, 2.4547

## Tritanomaly

48.3910, -3.1508, -16.1289

# Monochromacy



## Original Color

44.0690, -18.2750, -18.4775

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.2350, -6.5249, -7.2221

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 44.0690, -18.2750, -18.4775 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(23, 62, 7)` looks like.

```
.text, #text, p{  
    color:rgb(23, 62, 7)  
}
```

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(23, 62, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 62, 7) }
```

## Border

The CSS property to change the border of an element to YUV 44.0690, -18.2750, -18.4775 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(23, 62, 7) }
```



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

```
.border{ border-color:rgb(23, 62, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 62, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 62, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 62, 7); box-shadow:4px  
4px 4px 4px rgb(23, 62, 7) }
```

# Background

The CSS property to change the background color of an element to YUV 44.0690, -18.2750, -18.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 62, 7) }
```

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

```
.background{ background-color: rgb(23, 62,  
7) }
```

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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