

Converting Colors

YUV(67.1490, -22.7515,
17.4093)

Have a look what the booklet for
YUV(67.1490, -22.7515, 17.4093)
contains.

YUV(67.1490, -22.7515, 17.4093)	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(67.1490, -22.7515,
17.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	574215
RGB	87, 66, 21
RGB Percent	34%, 26%, 8%
CMY	0.6588, 0.7412, 0.9176
CMYK	0.00, 0.24, 0.76, 0.66
HSL	41°, 61%, 21%
HSV	41°, 76%, 34%
XYZ	6.0141, 5.9768, 1.5461
YIQ	67.1490, 26.9610, -9.5430

Conversions

Conversions Part 2

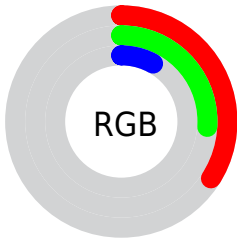
Format	Color
R_{YB}	52, 87, 21
Decimal	5718549
CIE _{Lab}	29.35, 3.75, 29.77
CIE _{LCh}	29, 30.000, 82.818
Yxy	5.9768, 0.4443, 0.4415
Android (android.graphics.Color)	4283908629 (0xFF574215)
YUV	67.1490, -22.7515, 17.4093
Hunter-Lab	24.4475, 1.1276, 13.3636

Details

The YUV color **67.1490, -22.7515, 17.4093** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **40.8510, 22.7515, -17.4093**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1170, -24.2147, 20.0684**, and **25.4500, -12.5468, 11.0064** is the 20% darker color. If you saturate the color by 10%, you get **64.3620, -25.8145, 19.8535**, and if you desaturate by 10%, it is **69.9360, -19.6884, 14.9651**.

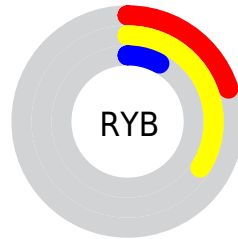
Distribution



 Red (34%)

 Green (26%)

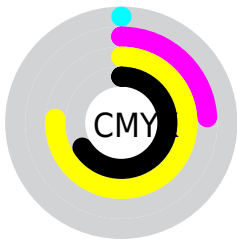
 Blue (8%)



 Red (20%)

 Yellow (34%)

 Blue (8%)

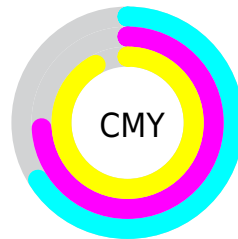


 Cyan (0%)

 Magenta (24%)

 Yellow (76%)

 Black (66%)



 Cyan (66%)

 Magenta (74%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1490, -22.7515, 17.4093 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 67.1490, -22.7515, 17.4093 by changing the saturation by 10% instead.

■ 67.1490, -22.7515,
17.4093

■ 67.1490, -22.7515,
17.4093

■ 254.6580, -1.3104,
0.2999

■ 44.6650, -22.0198,
16.0798

■ 116.1170,
-24.2147, 20.0684

■ 25.4500, -12.5468,
11.0064

■ 141.9000,
-25.0937, 22.0127

■ 0.8970, -0.4422,
1.8443

■ 168.3840,
-25.8253, 23.3422


■ 0.0000, 0.0000,
0.0000


■ 195.4550,
-26.8463, 24.1570


■ 223.6400,
-27.4305, 24.8717


■ 244.6380,


-24.4715, 9.0875


 251.4660,
-13.5407, 3.0993


 67.1490, -22.7515,
17.4093


 67.1490, -22.7515,
17.4093


 64.3620, -25.8145,
19.8535


 69.9360, -19.6884,
14.9651


 61.6890, -28.4407,
22.1977

 72.6090, -17.0622,
12.6209

 60.6460, -29.8985,
23.1125

 74.8090, -13.7098,
10.6915

 77.5960, -10.6468,
8.2473

 80.2690, -8.0206,
5.9031

■ 83.0560, -4.9576,
3.4589

■ 85.2560, -1.6052,
1.5295

■ 88.0430, 1.4578,
-0.9147

■ 90.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



68.3170, -17.4113, 31.2940



67.1490, -22.7515, 17.4093



65.0220, -20.2238, -0.0193

Triad

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



67.1490, -22.7515, 17.4093



57.3510, 14.1240, -50.2968



71.5520, 13.0389, 17.9329

Complementary

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



67.1490, -22.7515, 17.4093



40.8510, 22.7515, -17.4093

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.



69.1620, 21.1191, -7.1581



67.1490, -22.7515, 17.4093



57.8700, 23.7281, -50.7520

Square

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



67.1490, -22.7515, 17.4093



54.1420, 4.3670, -47.4825



55.9610, 29.1062, -49.0778



70.0180, 2.9491, 34.1872

Rectangle

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



67.1490, -22.7515, 17.4093



63.1280, -14.3601, -14.1443



55.9610, 29.1062, -49.0778



71.4910, 15.5339, 10.9704

Sweetspot

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



67.1490, -22.7515, 17.4093



104.3400, -9.0416, 6.7178



43.2420, -0.1193, 38.3758



51.2410, -5.5418, 4.1736



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



67.1490, -22.7515, 17.4093



81.5880, -35.2929, 26.6713



76.1870, -27.2072, -0.1640



41.9570, -1.4578, 0.9147



74.8440, -36.8981, 28.2008



164.1850, -80.9432, 62.1048

Inverse Universe

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



40.8510, 22.7515, -17.4093



40.9990, 35.0035, -27.1861



31.8130, 27.2072, 0.1640



40.0430, 1.4578, -0.9147



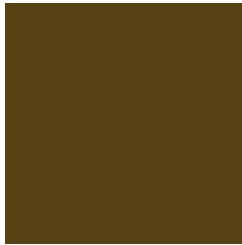
32.1560, 36.8981, -28.2008



70.8150, 80.9432, -62.1048

Previews

White Background



This preview shows how the YUV color 67.1490, -22.7515, 17.4093 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



This preview shows how the YUV color 67.1490, -22.7515, 17.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

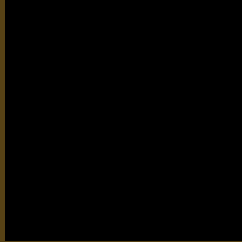
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1490, -22.7515, 17.4093

Background



This preview shows how black text looks on a background with the YUV color 67.1490, -22.7515, 17.4093.



This preview shows how white text looks on a background with the YUV color 67.1490, -22.7515,

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

67.1490, -22.7515, 17.4093

Protanopia

66.9200, -22.1456, 9.7172

Deuteranopia

67.1490, -22.7515, 17.4093



Tritanopia

70.8280, -2.3802, 16.8138

Trichromacy



Original Color

67.1490, -22.7515, 17.4093

Protanomaly

67.2300, -22.2984, 12.0763

Deuteranomaly

67.1490, -22.7515, 17.4093

Tritanomaly

69.2920, -9.5110, 17.2839

Monochromacy



Original Color

67.1490, -22.7515, 17.4093

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1550, -8.4574, 6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1490, -22.7515, 17.4093 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(87, 66, 21)` looks like.

```
.text, #text, p{  
    color:rgb(87, 66, 21)  
}
```

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(87, 66, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 66, 21) }
```

Border

The CSS property to change the border of an element to YUV 67.1490, -22.7515, 17.4093 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(87, 66, 21) }
```


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

```
.border{ border-color:rgb(87, 66, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 66, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 66, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 66, 21);  
box-shadow:4px 4px 4px 4px rgb(87, 66, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1490, -22.7515, 17.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 66, 21) }
```

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

```
.background{ background-color: rgb(87, 66,  
21) }
```

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