

Converting Colors

YUV(67.1720, -10.9308, 5.9882)

Have a look what the booklet for
YUV(67.1720, -10.9308, 5.9882)
contains.

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Color

**YUV(67.1720, -10.9308,
5.9882)**

Conversions

Conversions Part 1

Format	Color
Hex	4A442D
RGB	74, 68, 45
RGB Percent	29%, 27%, 18%
CMY	0.7098, 0.7333, 0.8235
CMYK	0.00, 0.08, 0.39, 0.71
HSL	48°, 24%, 23%
HSV	48°, 39%, 29%
XYZ	5.3648, 5.7796, 3.3154
YIQ	67.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

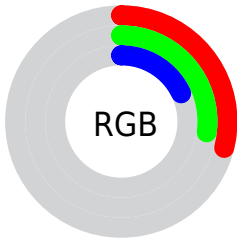
Format	Color
RYB	53, 74, 45
Decimal	4867117
CIELab	28.85, -1.52, 14.87
CIElCh	29, 14.950, 95.831
Yxy	5.7796, 0.3710, 0.3997
Android (android.graphics.Color)	4283057197 (0xFF4A442D)
YUV	67.1720, -10.9308, 5.9882
Hunter-Lab	24.0407, -2.2380, 8.6519

Details

The YUV color **67.1720, -10.9308, 5.9882** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.8280, 10.9308, -5.9882**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2430, -11.9518, 6.8029**, and **23.9440, -11.8044, 6.1881** is the 20% darker color. If you saturate the color by 10%, you get **65.2000, -13.4096, 7.7176**, and if you desaturate by 10%, it is **69.1440, -8.4520, 4.2587**.

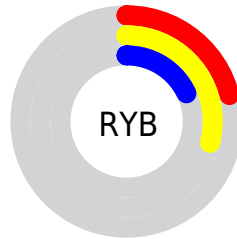
Distribution



Red (29%)

Green (27%)

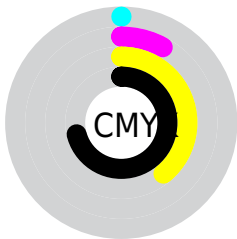
Blue (18%)



Red (21%)

Yellow (29%)

Blue (18%)

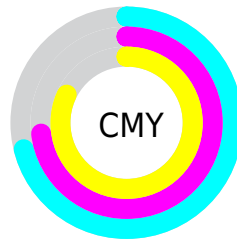


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1720, -10.9308, 5.9882 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 67.1720, -10.9308, 5.9882 by changing the saturation by 10% instead.

67.1720, -10.9308,
5.9882

67.1720, -10.9308,
5.9882

255.0000, 0.0000,
0.0000

44.9870, -10.3466,
5.2734

115.2430,
-11.9518, 6.8029

23.9440, -11.8044,
6.1881

140.5420,
-12.0992, 7.4177

0.0000, 0.0000,
0.0000

167.3140,
-12.9728, 7.6176

194.6130,
-13.1202, 8.2324

222.4990,
-13.5570, 8.3324

249.5910,

-13.1094, 4.7437

254.5440, -1.7472,
0.3999

■ 67.1720, -10.9308,
5.9882

■ 67.1720, -10.9308,
5.9882

■ 65.2000, -13.4096,
7.7176

■ 69.1440, -8.4520,
4.2587

■ 63.7010, -16.6146,
9.0322

■ 70.6430, -5.2470,
2.9441

■ 61.7290, -19.0934,
10.7617

■ 72.6150, -2.7682,
1.2146

■ 60.2300, -22.2984,
12.0763

■ 74.1140, 0.4368,
-0.1000

■ 58.2580, -24.7772,
13.8057

■ 76.0860, 2.9156,
-1.8294

■ 56.8730, -27.5454,
15.0204

■ 77.4710, 5.6838,
-3.0441

■ 56.7590, -27.9822,
15.1204

■ 79.5570, 8.5994,
-4.8735

■ 80.9420, 11.3676,
-6.0881

■ 83.0280, 14.2832,
-7.9176

Harmonies

Analogous

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



68.0420, -10.3737, 13.9952



67.1720, -10.9308, 5.9882



65.5020, -8.1355, -3.9483

Triad

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



67.1720, -10.9308, 5.9882



62.2400, 9.2487, -26.5205



70.1140, 3.8878, 13.0550

Complementary

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



67.1720, -10.9308, 5.9882



51.8280, 10.9308, -5.9882

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.



69.3130, 8.7197, 3.2335



67.1720, -10.9308, 5.9882



64.6690, 11.9952, -20.7577

Square

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



67.1720, -10.9308, 5.9882



62.1820, 3.8543, -22.9616



67.0340, 11.8152, -9.6768



69.3660, -1.6594, 18.9730

Rectangle

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



67.1720, -10.9308, 5.9882



64.6690, -4.7668, -11.1107



67.0340, 11.8152, -9.6768



69.8470, 5.4984, 9.7812

Sweetspot

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



67.1720, -10.9308, 5.9882



93.8710, -4.3734, 2.7441



54.3550, -1.6540, 17.2287



46.7290, -2.3314, 1.1147



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.



67.1720, -10.9308, 5.9882



85.8860, -17.1988, 9.7470



68.3020, -11.4879, -2.0189



36.9570, -1.4578, 0.9147



78.0450, -38.4762, 21.0085



175.6040, -86.5728, 47.7053

Inverse Universe

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



51.8280, 10.9308, -5.9882



62.1140, 17.1988, -9.7470



50.6980, 11.4879, 2.0189



35.0430, 1.4578, -0.9147



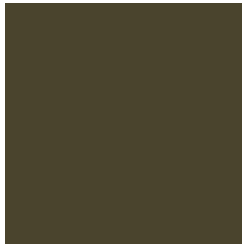
23.9550, 38.4762, -21.0085



53.8090, 86.8622, -47.1905

Previews

White Background



This preview shows how the YUV color 67.1720, -10.9308, 5.9882 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 67.1720, -10.9308, 5.9882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

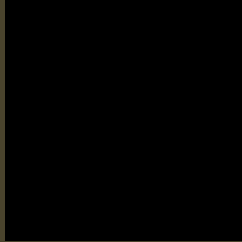
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1720, -10.9308, 5.9882

Background



This preview shows how black text looks on a background with the YUV color 67.1720, -10.9308, 5.9882.

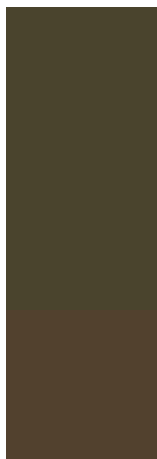


This preview shows how white text looks on a background with the YUV color 67.1720, -10.9308,

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

67.1720, -10.9308, 5.9882

Protanopia

67.1720, -10.9308, 5.9882

Deuteranopia

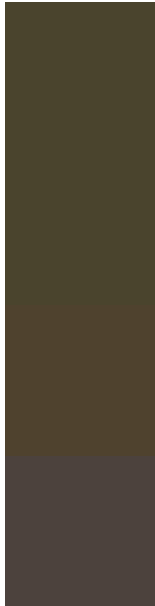
67.9170, -10.8051, 12.3508



Tritanopia

69.1580, 0.4151, 6.8774

Trichromacy



Original Color

67.1720, -10.9308, 5.9882

Protanomaly

67.1720, -10.9308, 5.9882

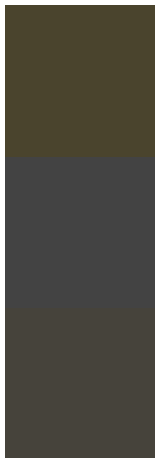
Deuteranomaly

67.6070, -10.6523, 9.9917

Tritanomaly

68.4200, -3.6581, 6.6477

Monochromacy



Original Color

67.1720, -10.9308, 5.9882

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1720, -10.9308, 5.9882 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(74, 68, 45)` looks like.

```
.text, #text, p{  
    color:rgb(74, 68, 45)  
}
```

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(74, 68, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 68, 45) }
```

Border

The CSS property to change the border of an element to YUV 67.1720, -10.9308, 5.9882 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(74, 68, 45) }
```


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

```
.border{ border-color:rgb(74, 68, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 68, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 68, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 68, 45);  
box-shadow:4px 4px 4px 4px rgb(74, 68, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1720, -10.9308, 5.9882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 68, 45) }
```

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

```
.background{ background-color: rgb(74, 68,  
45) }
```

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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