

Converting Colors

YUV(67.4500, -12.5468,
11.0064)

Have a look what the booklet for
YUV(67.4500, -12.5468, 11.0064)
contains.

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Color

**YUV(67.4500, -12.5468,
11.0064)**

Conversions

Conversions Part 1

Format	Color
Hex	50422A
RGB	80, 66, 42
RGB Percent	31%, 26%, 16%
CMY	0.6863, 0.7412, 0.8353
CMYK	0.00, 0.18, 0.48, 0.69
HSL	38°, 31%, 24%
HSV	38°, 48%, 31%
XYZ	5.6744, 5.7691, 3.0050
YIQ	67.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

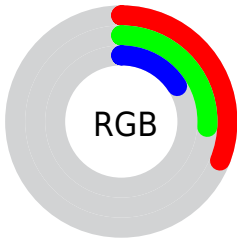
Format	Color
R_{YB}	64, 80, 42
Decimal	5259818
CIE _{Lab}	28.82, 2.22, 16.84
CIE _{LCh}	29, 16.985, 82.495
Yxy	5.7691, 0.3927, 0.3993
Android (android.graphics.Color)	4283449898 (0xFF50422A)
YUV	67.4500, -12.5468, 11.0064
Hunter-Lab	24.0189, 0.1371, 9.3956

Details

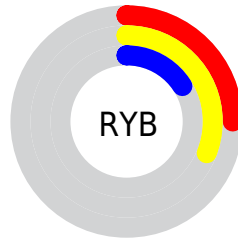
The YUV color **67.4500, -12.5468, 11.0064** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **54.5500, 12.5469, -11.0063**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8200, -13.7153, 12.4359**, and **23.9660, -11.8152, 9.6768** is the 20% darker color. If you saturate the color by 10%, you get **64.7770, -15.1731, 13.3506**, and if you desaturate by 10%, it is **70.1230, -9.9206, 8.6621**.

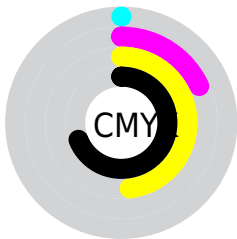
Distribution



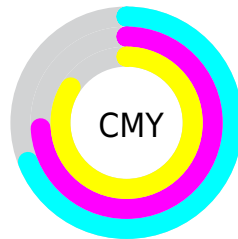
- Red (31%)
- Green (26%)
- Blue (16%)



- Red (25%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (69%)



- Cyan (69%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4500, -12.5468, 11.0064 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 67.4500, -12.5468, 11.0064 by changing the saturation by 10% instead.

■ 67.4500, -12.5468,
11.0064

■ 67.4500, -12.5468,
11.0064

■ 255.0000, 0.0000,
0.0000

■ 44.9660, -11.8152,
9.6768

■ 115.8200,
-13.7153, 12.4359

■ 23.9660, -11.8152,
9.6768

■ 141.3040,
-14.4469, 13.7654

■ 0.0000, 0.0000,
0.0000

■ 168.1900,
-14.8837, 13.8654

■ 195.3750,
-15.4679, 14.5801

■ 223.2610,
-15.9047, 14.6801

■ 247.3740,

-13.9884, 6.6880

254.2020, -3.0576,
0.6998

67.4500, -12.5468,
11.0064

67.4500, -12.5468,
11.0064

64.7770, -15.1731,
13.3506

70.1230, -9.9206,
8.6621

62.1040, -17.7993,
15.6948

72.7960, -7.2944,
6.3179

59.4310, -20.4255,
18.0390

75.4690, -4.6682,
3.9737

56.7580, -23.0517,
20.3832

78.1420, -2.0420,
1.6295

54.0850, -25.6779,
22.7275

80.8150, 0.5842,
-0.7148

■ 53.8570, -26.5515,
22.9274

■ 83.4880, 3.2104,
-3.0590

■ 86.1610, 5.8366,
-5.4032

■ 88.8340, 8.4628,
-7.7474

■ 91.5070, 11.0890,
-10.0916

Harmonies

Analogous

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



68.7760, -10.2426, 18.6134



67.4500, -12.5468, 11.0064



66.0250, -11.3513, 0.8551

Triad

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



67.4500, -12.5468, 11.0064



59.9790, 8.3914, -31.5536



69.6020, 7.0982, 9.9960

Complementary

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



67.4500, -12.5468, 11.0064



54.5500, 12.5469, -11.0063

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.



68.6650, 11.5042, -3.2142



67.4500, -12.5468, 11.0064



60.9560, 13.3327, -29.7794

Square

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



67.4500, -12.5468, 11.0064



62.0850, 0.9441, -22.8765



65.2610, 14.1683, -17.7689



69.4630, 1.2507, 18.8879

Rectangle

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



67.4500, -12.5468, 11.0064



64.7790, -8.2720, -6.8222



65.2610, 14.1683, -17.7689



69.9220, 8.4195, 6.2074

Sweetspot

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



67.4500, -12.5468, 11.0064



99.7680, -4.8156, 4.5885



55.0720, 0.9505, 21.8619



50.5120, -3.2104, 3.0590



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.4500, -12.5468, 11.0064



85.2460, -19.8413, 17.3243



74.4720, -16.0087, 1.3401



39.3700, -1.1684, 1.4295



70.1370, -34.5775, 30.5749



155.6570, -76.7389, 66.9528

Inverse Universe

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



54.5500, 12.5469, -11.0063



64.7540, 19.8413, -17.3243



47.5280, 16.0087, -1.3401



38.0430, 1.4578, -0.9147



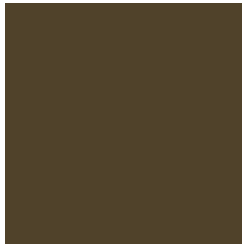
34.8630, 34.5775, -30.5749



76.3430, 76.7389, -66.9528

Previews

White Background



This preview shows how the YUV color 67.4500, -12.5468, 11.0064 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 67.4500, -12.5468, 11.0064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

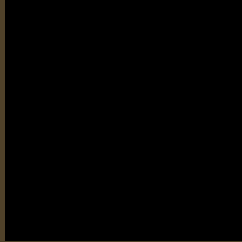
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4500, -12.5468, 11.0064

Background



This preview shows how black text looks on a background with the YUV color 67.4500, -12.5468, 11.0064.



This preview shows how white text looks on a background with the YUV color 67.4500, -12.5468,

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

67.4500, -12.5468, 11.0064

Protanopia

66.9440, -11.8044, 6.1881

Deuteranopia

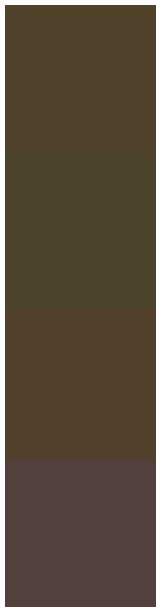
67.4610, -12.5523, 12.7507



Tritanopia

69.2510, -0.6167, 11.1809

Trichromacy



Original Color

67.4500, -12.5468, 11.0064

Protanomaly

66.9550, -11.8098, 7.9325

Deuteranomaly

67.1620, -12.4049, 12.1359

Tritanomaly

68.5130, -4.6899, 10.9511

Monochromacy



Original Color

67.4500, -12.5468, 11.0064

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.4690, -4.6682, 3.9737

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4500, -12.5468, 11.0064 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(80, 66, 42)` looks like.

```
.text, #text, p{  
    color:rgb(80, 66, 42)  
}
```

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(80, 66, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 66, 42) }
```

Border

The CSS property to change the border of an element to YUV 67.4500, -12.5468, 11.0064 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(80, 66, 42) }
```


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

```
.border{ border-color:rgb(80, 66, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 66, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 66, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 66, 42);  
box-shadow:4px 4px 4px 4px rgb(80, 66, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4500, -12.5468, 11.0064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 66, 42) }
```

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

```
.background{ background-color: rgb(80, 66,  
42) }
```

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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