

Converting Colors

YUV(65.4530, -13.5343,
47.8377)

Have a look what the booklet for
YUV(65.4530, -13.5343, 47.8377)
contains.

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Color

**YUV(65.4530, -13.5343,
47.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	782B26
RGB	120, 43, 38
RGB Percent	47%, 17%, 15%
CMY	0.5294, 0.8314, 0.8510
CMYK	0.00, 0.64, 0.68, 0.53
HSL	4°, 52%, 31%
HSV	4°, 68%, 47%
XYZ	8.9595, 5.8608, 2.4927
YIQ	65.4530, 47.4970, 14.7690

Conversions

Conversions Part 2

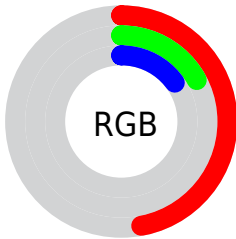
Format	Color
R_{YB}	120, 43, 38
Decimal	7875366
CIE Lab	29.06, 33.34, 20.90
CIE LCh	29, 39.345, 32.082
Yxy	5.8608, 0.5175, 0.3385
Android (android.graphics.Color)	4286065446 (0xFF782B26)
YUV	65.4530, -13.5343, 47.8377
Hunter-Lab	24.2090, 23.6949, 10.8414

Details

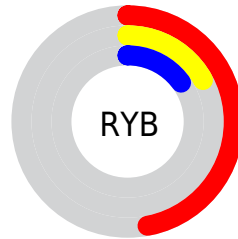
The YUV color **65.4530, -13.5343, 47.8377** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **92.5470, 13.5343, -47.8377**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3890, -16.4608, 53.1558**, and **19.7340, -9.7289, 40.5753** is the 20% darker color. If you saturate the color by 10%, you get **57.6280, -15.5926, 54.7002**, and if you desaturate by 10%, it is **73.2780, -11.4761, 40.9752**.

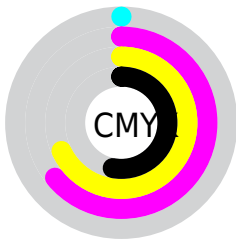
Distribution



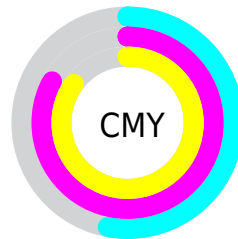
- Red (47%)
- Green (17%)
- Blue (15%)



- Red (47%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (53%)



- Cyan (53%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4530, -13.5343, 47.8377 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 65.4530, -13.5343, 47.8377 by changing the saturation by 10% instead.

■ 65.4530, -13.5343,
47.8377

■ 65.4530, -13.5343,
47.8377

255.0000, 0.0000,
0.0000

■ 40.1260, -10.9081,
45.4935

■ 116.3890,
-16.4608, 53.1558

■ 19.7340, -9.7289,
40.5753

■ 143.0580,
-17.7766, 55.2001

■ 12.6720, -5.7543,
25.7207

■ 170.2540,
-18.3662, 57.6592

■ 0.0000, 0.0000,
0.0000

■ 194.7480,
-17.6238, 52.8410

■ 214.2620,
-13.9332, 35.7272

■ 233.7760,

-10.2426, 18.6134

253.5180, -5.6784,
1.2997

65.4530, -13.5343,
47.8377

65.4530, -13.5343,
47.8377

57.6280, -15.5926,
54.7002

73.2780, -11.4761,
40.9752

49.2160, -17.3615,
62.0776

81.6900, -9.7072,
33.5979

41.3910, -19.4198,
68.9401

89.5150, -7.6489,
26.7353

39.9890, -19.7146,
70.1696

97.3400, -5.5906,
19.8728

105.1650, -3.5323,
13.0103

■ 113.5770, -1.7635,
5.6330

■ 121.4020, 0.2948,
-1.2296

■ 129.2270, 2.3531,
-8.0921

■ 137.0520, 4.4114,
-14.9546

Harmonies

Analogous

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



65.9490, 1.0111, 49.1567



65.4530, -13.5343, 47.8377



65.5210, -26.8789, 34.6231

Triad

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



65.4530, -13.5343, 47.8377



51.2920, -6.5530, -44.9831



56.4970, 36.2370, -49.5479

Complementary

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



65.4530, -13.5343, 47.8377



92.5470, 13.5343, -47.8377

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.



60.2810, 30.4275, -52.8664



65.4530, -13.5343, 47.8377



56.1140, 6.8458, -49.2120

Square

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



65.4530, -13.5343, 47.8377



60.5880, -25.4329, -9.2857



59.5340, 19.9497, -52.2113



69.5420, 24.8758, 1.2787

Rectangle

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



65.4530, -13.5343, 47.8377



64.4780, -31.7877, 22.3828



59.5340, 19.9497, -52.2113



58.1440, 34.9320, -50.9923

Sweetspot

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



65.4530, -13.5343, 47.8377



134.0410, -5.4432, 19.2580



71.4100, 21.9829, 42.6134



65.5670, -3.2375, 11.7807



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



65.4530, -13.5343, 47.8377



70.9680, -21.1832, 74.5731



88.9330, -25.1100, 27.2458



56.7940, -0.8844, 3.6887



42.0710, -20.7410, 72.7287



84.1530, -41.4874, 147.2018

Inverse Universe

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



92.5470, 13.5343, -47.8377



113.0320, 21.1832, -74.5731



69.0670, 25.1100, -27.2458



59.2060, 0.8844, -3.6887



82.9290, 20.7410, -72.7287



167.8470, 41.4874, -147.2018

Previews

White Background



This preview shows how the YUV color 65.4530, -13.5343, 47.8377 looks on a white background.

Color Contrast Check

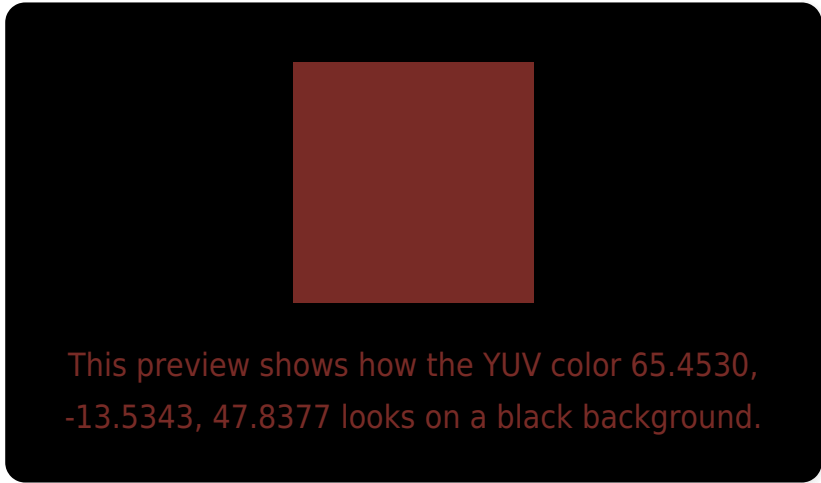
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.4530, -13.5343, 47.8377

Background



This preview shows how black text looks on a background with the YUV color 65.4530, -13.5343, 47.8377.

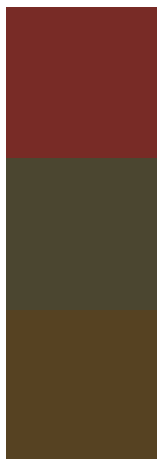


This preview shows how white text looks on a background with the YUV color 65.4530, -13.5343,

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

65.4530, -13.5343, 47.8377

Protanopia

68.9870, -10.3466, 5.2734

Deuteranopia

68.3320, -16.9257, 15.4948



Tritanopia

65.5500, -10.6241, 47.7527

Trichromacy



Original Color

65.4530, -13.5343, 47.8377

Protanomaly

67.4450, -11.5584, 20.6577

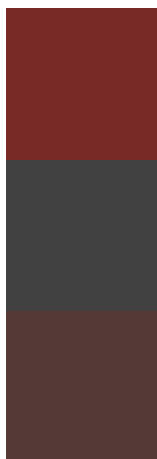
Deuteranomaly

67.3380, -15.9426, 26.8906

Tritanomaly

65.3220, -11.4977, 47.9526

Monochromacy



Original Color

65.4530, -13.5343, 47.8377

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1440, -5.0010, 17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4530, -13.5343, 47.8377 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(120, 43, 38)` looks like.

```
.text, #text, p{  
    color:rgb(120, 43, 38)  
}
```

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(120, 43, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 43, 38) }
```

Border

The CSS property to change the border of an element to YUV 65.4530, -13.5343, 47.8377 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(120, 43, 38) }
```


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

```
.border{ border-color:rgb(120, 43, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 43, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 43, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 43, 38);  
box-shadow:4px 4px 4px 4px rgb(120, 43,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 65.4530, -13.5343, 47.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 43, 38) }
```

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

```
.background{ background-color: rgb(120, 43,  
38) }
```

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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