

# Converting Colors

YUV(85.0210, -18.2514,  
67.5106)

Have a look what the booklet for  
YUV(85.0210, -18.2514, 67.5106)  
contains.

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# Color

**YUV(85.0210, -18.2514,  
67.5106)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A23530
RGB	162, 53, 48
RGB Percent	64%, 21%, 19%
CMY	0.3647, 0.7922, 0.8118
CMYK	0.00, 0.67, 0.70, 0.36
HSL	3°, 54%, 41%
HSV	3°, 70%, 64%
XYZ	16.7069, 10.4410, 3.9311
YIQ	85.0210, 66.5690, 21.5530

# Conversions

## Conversions Part 2

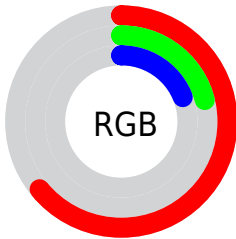
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 53, 48
Decimal	10630448
CIE <sub>Lab</sub>	38.62, 44.64, 28.07
CIE <sub>LCh</sub>	39, 52.737, 32.165
Yxy	10.4410, 0.5376, 0.3360
Android (android.graphics.Color)	4288820528 (0xFFA23530)
YUV	85.0210, -18.2514, 67.5106
Hunter-Lab	32.3125, 35.7449, 15.4057

# Details

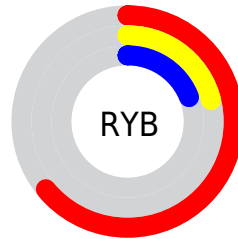
The YUV color **85.0210, -18.2514, 67.5106** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.9790, 18.2514, -67.5106**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3160, -22.3408, 72.5139**, and **31.3240, -14.4567, 63.7369** is the 20% darker color. If you saturate the color by 10%, you get **74.3920, -20.8993, 76.8322**, and if you desaturate by 10%, it is **95.6500, -15.6034, 58.1890**.

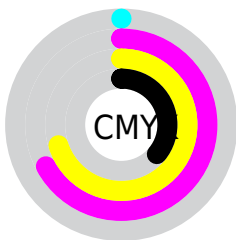
# Distribution



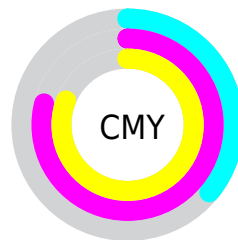
- Red (64%)
- Green (21%)
- Blue (19%)



- Red (64%)
- Yellow (21%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (70%)
- Black (36%)




- Cyan (36%)
- Magenta (79%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 85.0210, -18.2514, 67.5106 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 85.0210, -18.2514, 67.5106 by changing the saturation by 10% instead.




 85.0210, -18.2514,  
67.5106

 85.0210, -18.2514,  
67.5106


255.0000, 0.0000,  
0.0000


 56.6340, -14.6096,  
66.0960


 139.3160,  
-22.3408, 72.5139


 31.3240, -14.4567,  
63.7369

 166.6970,  
-23.5146, 75.6877


 22.4250, -11.0555,  
46.1083

 186.6950,  
-20.5556, 59.9035

 14.8790, -6.3493,  
29.9241

 205.6220,  
-16.5756, 43.3045

 0.0000, 0.0000,  
0.0000

 225.7230,  
-13.1744, 25.6759

 245.9380, -9.3364,

7.9474

■ 85.0210, -18.2514,  
67.5106

■ 85.0210, -18.2514,  
67.5106

■ 74.3920, -20.8993,  
76.8322

■ 95.6500, -15.6034,  
58.1890

■ 63.1760, -23.2578,  
86.6686

■ 106.8660,  
-13.2449, 48.3525

■ 52.5470, -25.9057,  
95.9903

■ 117.6090,  
-10.1602, 38.9309

■ 128.8250, -7.8017,  
29.0945

■ 139.4540, -5.1538,  
19.7728

■ 150.6700, -2.7953,  
9.9364

■ 161.2990, -0.1474,  
0.6148

■ 172.6290, 2.6479,  
-9.3216

■ 183.2580, 5.2958,  
-18.6433

# Harmonies

## Analogous

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



84.8360, 2.5459, 70.3038



85.0210, -18.2514, 67.5106



85.5800, -39.7259, 48.6033

# Triad

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



85.0210, -18.2514, 67.5106



68.2810, -9.9985, -59.8824



75.9430, 49.8211, -66.6020

# Complementary

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



85.0210, -18.2514, 67.5106



124.9790, 18.2514, -67.5106

# 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.



80.6730, 42.5592, -70.7502



85.0210, -18.2514, 67.5106



75.1720, 8.7892, -65.9258

# Square

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



85.0210, -18.2514, 67.5106



78.4230, -38.6625, -12.6490



80.0740, 27.5715, -70.2249



92.2890, 35.3535, 0.6235



# Rectangle

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



85.0210, -18.2514, 67.5106



85.7750, -42.2871, 30.0153



80.0740, 27.5715, -70.2249



78.1770, 48.2267, -68.5612

# Sweetspot

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



85.0210, -18.2514, 67.5106



181.6290, -7.2121, 26.6354



94.6260, 31.2434, 59.0870



88.6600, -4.2694, 16.0842



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



85.0210, -18.2514, 67.5106



91.9180, -28.5536, 105.3119



117.8930, -34.4572, 38.6818



76.2780, -1.6161, 5.0182



46.8770, -23.1104, 86.0539



5.9690, -2.9427, 10.5512



# Inverse Universe

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



124.9790, 18.2514, -67.5106



154.0820, 28.5536, -105.3119



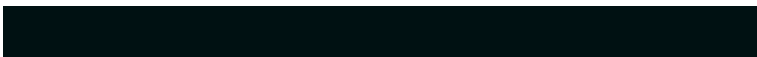
92.1070, 34.4572, -38.6818



78.7220, 1.6161, -5.0182



98.1230, 23.1104, -86.0539



12.0310, 2.9427, -10.5512



# Previews

## White Background



This preview shows how the YUV color 85.0210, -18.2514, 67.5106 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

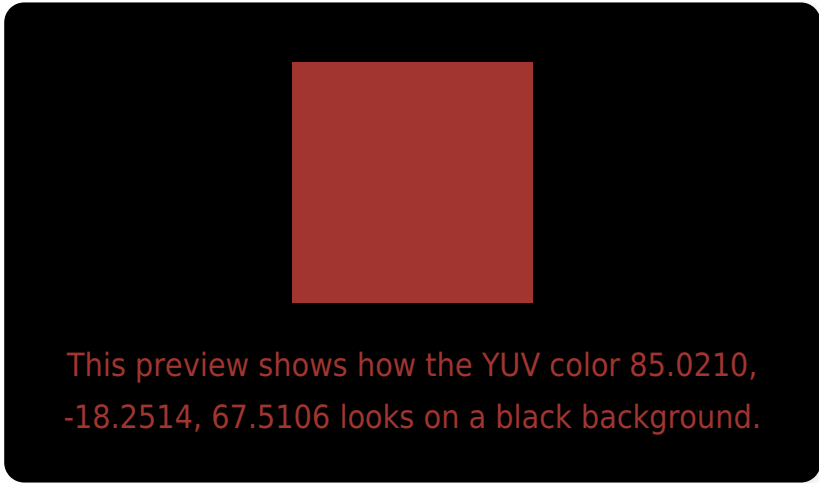
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 85.0210, -18.2514, 67.5106

## Background



This preview shows how black text looks on a background with the YUV color 85.0210, -18.2514, 67.5106.



This preview shows how white text looks on a background with the YUV color 85.0210, -18.2514,



# 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

85.0210, -18.2514, 67.5106

### Protanopia

90.9720, -14.2832, 7.9176

### Deuteranopia

89.9430, -23.6359, 21.0980



## Tritanopia

85.2320, -14.9044, 67.3255

# Trichromacy



## Original Color

85.0210, -18.2514, 67.5106

## Protanomaly

89.0610, -15.8061, 29.7645

## Deuteranomaly

88.2100, -21.7955, 37.5268

## Tritanomaly

84.8900, -16.2148, 67.6255

# Monochromacy



## Original Color

85.0210, -18.2514, 67.5106

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.8460, -6.3331, 24.6911

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.0210, -18.2514, 67.5106 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(162, 53, 48)` looks like.

```
.text, #text, p{  
    color:rgb(162, 53, 48)  
}
```

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(162, 53, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 53, 48) }
```

## Border

The CSS property to change the border of an element to YUV 85.0210, -18.2514, 67.5106 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(162, 53, 48) }
```



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

```
.border{ border-color:rgb(162, 53, 48) }
```

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

Here you see how a box with a 4 pixel rgb(162, 53, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 53, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 53, 48);  
box-shadow:4px 4px 4px 4px rgb(162, 53,  
48) }
```

# Background

The CSS property to change the background color of an element to YUV 85.0210, -18.2514, 67.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 53, 48) }
```

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

```
.background{ background-color: rgb(162, 53,  
48) }
```

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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