

# Converting Colors

YUV(126.5770, -21.4835,  
77.5470)

Have a look what the booklet for  
YUV(126.5770, -21.4835, 77.5470)  
contains.

<b>YUV(126.5770, -21.4835, 77.5470)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(126.5770, -21.4835,  
77.5470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75A53
RGB	215, 90, 83
RGB Percent	84%, 35%, 33%
CMY	0.1569, 0.6471, 0.6745
CMYK	0.00, 0.58, 0.61, 0.16
HSL	3°, 62%, 58%
HSV	3°, 61%, 84%
XYZ	33.2418, 22.3839, 10.7521
YIQ	126.5770, 76.7470, 24.3230

# Conversions

## Conversions Part 2

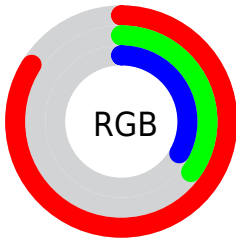
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 90, 83
Decimal	14113363
CIE Lab	54.43, 48.69, 28.99
CIE LCh	54, 56.669, 30.770
Yxy	22.3839, 0.5008, 0.3372
Android (android.graphics.Color)	4292303443 (0xFFD75A53)
YUV	126.5770, -21.4835, 77.5470
Hunter-Lab	47.3117, 42.6212, 19.6438

# Details

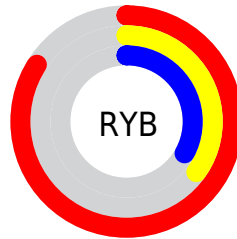
The YUV color **126.5770, -21.4835, 77.5470** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **171.4230, 21.4835, -77.5470**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9350, -21.1670, 69.3400**, and **70.9230, -16.2310, 72.8585** is the 20% darker color. If you saturate the color by 10%, you get **112.4430, -24.8684, 89.9425**, and if you desaturate by 10%, it is **140.8250, -17.6617, 65.0515**.

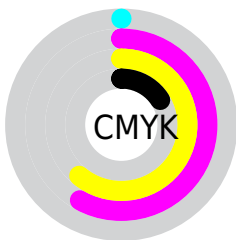
# Distribution



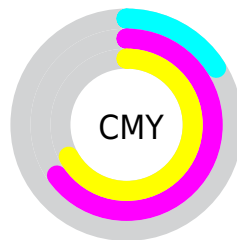
- Red (84%)
- Green (35%)
- Blue (33%)



- Red (84%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (61%)
- Black (16%)




- Cyan (16%)
- Magenta (65%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 126.5770, -21.4835, 77.5470 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 126.5770, -21.4835, 77.5470 by changing the saturation by 10% instead.





 126.5770,  
-21.4835, 77.5470


 126.5770,  
-21.4835, 77.5470


255.0000, 0.0000,  
0.0000


 98.8370, -19.1466,  
74.6880


 175.9350,  
-21.1670, 69.3400


 70.9230, -16.2310,  
72.8585


 195.3350,  
-17.9132, 52.3262


 39.3130, -11.0003,  
75.1475


 214.8490,  
-14.2226, 35.2124

 28.4050, -14.0037,  
58.4038

 235.0640,  
-10.3846, 17.4839

 20.0330, -9.8763,  
41.1901

 253.5180, -5.6784,  
1.2997

 11.4760, -5.1647,  
23.2615

 0.0000, 0.0000,

0.0000

■ 126.5770,  
-21.4835, 77.5470

■ 126.5770,  
-21.4835, 77.5470

■ 112.4430,  
-24.8684, 89.9425

■ 140.8250,  
-17.6617, 65.0515

■ 97.6080, -28.4007,  
102.9528

■ 155.5460,  
-14.5662, 52.1412

■ 83.4740, -31.7857,  
115.3483

■ 169.7940,  
-10.7444, 39.6457

■ 70.7420, -34.8758,  
126.5143

■ 183.9280, -7.3595,  
27.2501

■ 198.7630, -3.8272,  
14.2398

■ 212.8970, -0.4422,  
1.8443

■ 227.7320, 3.0901,  
-11.1660

■ 241.8660, 6.4751,  
-23.5615

■ 243.0400, 5.8963,  
-24.5911

# Harmonies

## Analogous

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



127.6520, 1.6506, 77.4812



126.5770, -21.4835, 77.5470



126.1790, -41.5002, 57.7250

# Triad

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



126.5770, -21.4835, 77.5470



101.3560, -10.5285, -76.6112



105.2370, 60.5222, -92.2928

# Complementary

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



126.5770, -21.4835, 77.5470



171.4230, 21.4835, -77.5470

# 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.



110.7990, 51.3711, -97.1707



126.5770, -21.4835, 77.5470



104.6310, 12.5069, -91.7614

# Square

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



126.5770, -21.4835, 77.5470



118.9670, -40.4097, -12.2491



110.2170, 33.9100, -96.6603



132.3580, 40.7425, -1.1910



# Rectangle

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



126.5770, -21.4835, 77.5470



124.2400, -50.8973, 38.3775



110.2170, 33.9100, -96.6603



108.0580, 58.6384, -94.7669

# Sweetspot

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



126.5770, -21.4835, 77.5470



224.5150, -7.6489, 26.7353



136.7180, 35.1420, 68.6533



108.8450, -4.8536, 16.7989



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



126.5770, -21.4835, 77.5470



128.3810, -30.7538, 111.0449



165.3190, -40.5833, 43.5702



99.8760, -1.9109, 6.2477



56.4120, -27.8111, 100.4937



14.0310, -6.9173, 25.4058



# Inverse Universe

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



171.4230, 21.4835, -77.5470



192.6190, 30.7538, -111.0449



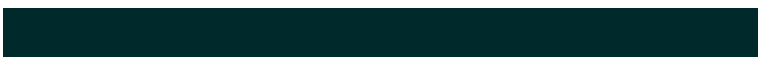
132.6810, 40.5833, -43.5702



103.7110, 1.6215, -6.7625



114.5880, 27.8111, -100.4937



28.9690, 6.9173, -25.4058



# Previews

## White Background



This preview shows how the YUV color 126.5770, -21.4835, 77.5470 looks on a white 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



# Black Background



This preview shows how the YUV color 126.5770, -21.4835, 77.5470 looks on a black 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

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

# YUV 126.5770, -21.4835, 77.5470

## Background



This preview shows how black text looks on a background with the YUV color 126.5770, -21.4835, 77.5470.



This preview shows how white text looks on a background with the YUV color 126.5770, -21.4835, 77.5470.



# 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

126.5770, -21.4835, 77.5470

### Protanopia

130.1570, -14.8674, 8.6323

### Deuteranopia

129.6940, -25.9781, 25.7014



## Tritanopia

126.9560, -16.2473, 78.0916

# Trichromacy



## Original Color

126.5770, -21.4835, 77.5470

## Protanomaly

128.7410, -17.1273, 33.5531

## Deuteranomaly

128.2710, -24.2906, 44.4893

## Tritanomaly

127.0870, -18.2839, 77.9767

# Monochromacy



## Original Color

126.5770, -21.4835, 77.5470

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.1130, -7.9437, 27.9649

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.5770, -21.4835, 77.5470 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(215, 90, 83)` looks like.

```
.text, #text, p{  
    color:rgb(215, 90, 83)  
}
```

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(215, 90, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 90, 83) }
```

## Border

The CSS property to change the border of an element to YUV 126.5770, -21.4835, 77.5470 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(215, 90, 83) }
```



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

```
.border{ border-color:rgb(215, 90, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 90, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 90, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 90, 83);  
box-shadow:4px 4px 4px 4px rgb(215, 90,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 126.5770, -21.4835, 77.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 90, 83) }
```

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

```
.background{ background-color: rgb(215, 90,  
83) }
```

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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