

# Converting Colors

YUV(125.7590, -30.9402,  
77.3874)

Have a look what the booklet for  
YUV(125.7590, -30.9402, 77.3874)  
contains.

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# Color

**YUV(125.7590, -30.9402,  
77.3874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65D3F
RGB	214, 93, 63
RGB Percent	84%, 36%, 25%
CMY	0.1608, 0.6353, 0.7529
CMYK	0.00, 0.57, 0.71, 0.16
HSL	12°, 65%, 54%
HSV	12°, 71%, 84%
XYZ	32.5431, 22.4837, 7.3272
YIQ	125.7590, 81.7460, 16.3220

# Conversions

## Conversions Part 2

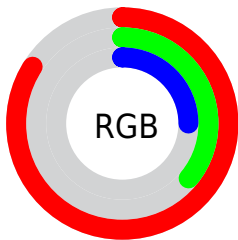
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 100, 63
Decimal	14048575
CIE <sub>Lab</sub>	54.54, 45.76, 40.26
CIE <sub>LCh</sub>	55, 60.949, 41.348
Yxy	22.4837, 0.5219, 0.3606
Android (android.graphics.Color)	4292238655 (0xFFD65D3F)
YUV	125.7590, -30.9402, 77.3874
Hunter-Lab	47.4170, 39.5279, 24.0300

# Details

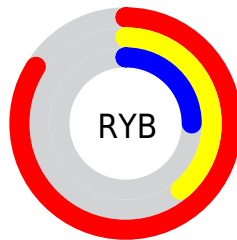
The YUV color **125.7590, -30.9402, 77.3874** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **151.2410, 30.9402, -77.3874**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3020, -31.2079, 69.8951**, and **71.1650, -26.7033, 71.7693** is the 20% darker color. If you saturate the color by 10%, you get **113.3860, -35.1933, 88.2385**, and if you desaturate by 10%, it is **138.1320, -26.6871, 66.5362**.

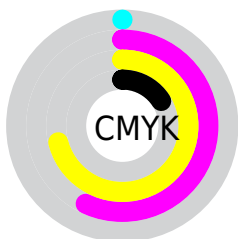
# Distribution



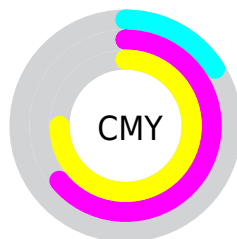
- Red (84%)
- Green (36%)
- Blue (25%)



- Red (84%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (71%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.7590, -30.9402, 77.3874 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 125.7590, -30.9402, 77.3874 by changing the saturation by 10% instead.





 125.7590,  
-30.9402, 77.3874


 125.7590,  
-30.9402, 77.3874


255.0000, 0.0000,  
0.0000


 98.6060, -28.8928,  
74.0135


 175.3020,  
-31.2079, 69.8951


 71.1650, -26.7033,  
71.7693


 194.1150,  
-27.6647, 53.3961


 39.1250, -19.2886,  
73.5584


 213.5150,  
-24.4109, 36.3823

 27.8070, -13.7089,  
57.1743

 233.7300,  
-20.5729, 18.6538

 19.1360, -9.4340,  
39.3457

 251.0100,  
-15.2879, 3.4992

 10.8780, -4.8699,  
22.0320

 254.2020, -3.0576,

 0.0000, 0.0000,

0.6998

0.0000

■ 125.7590,  
-30.9402, 77.3874

■ 125.7590,  
-30.9402, 77.3874

■ 113.3860,  
-35.1933, 88.2385

■ 138.1320,  
-26.6871, 66.5362

■ 100.8990,  
-39.8832, 99.1896

■ 150.6190,  
-21.9972, 55.5851

■ 89.2270, -43.9889,  
109.4259

■ 162.9920,  
-17.7441, 44.7340

■ 176.0660,  
-13.3435, 33.2681

■ 188.4390, -9.0904,  
22.4170

■ 200.8120, -4.8373,  
11.5659

■ 213.2990, -0.1474,  
0.6148

■ 225.6720, 4.1057,  
-10.2363

■ 238.0450, 8.3588,  
-21.0875

# Harmonies

## Analogous

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



125.3560, -6.0915, 87.3878



125.7590, -30.9402, 77.3874



124.8610, -52.6825, 50.9879

# Triad

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



125.7590, -30.9402, 77.3874



100.6410, -2.7810, -88.2622



116.7400, 57.8092, -62.0390

# Complementary

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



125.7590, -30.9402, 77.3874



151.2410, 30.9402, -77.3874

# 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.



111.3350, 58.5018, -97.6408



125.7590, -30.9402, 77.3874



108.0850, 20.6641, -94.7905

# Square

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



125.7590, -30.9402, 77.3874



114.0400, -34.5297, -31.6071



112.4970, 42.6460, -98.6599



133.9910, 37.4724, 21.0559



# Rectangle

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



125.7590, -30.9402, 77.3874



121.7690, -60.0321, 28.2666



112.4970, 42.6460, -98.6599



106.7360, 63.7272, -93.6075

# Sweetspot

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



125.7590, -30.9402, 77.3874



223.6030, -11.1433, 27.5352



122.1710, 31.4677, 80.5340



109.0900, -6.4534, 16.5841



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.



125.7590, -30.9402, 77.3874



128.1240, -44.4311, 111.2703



168.6100, -52.0657, 39.8070



101.0500, -2.4896, 5.2182



71.0870, -35.0459, 87.6237



18.1400, -8.9430, 21.8022

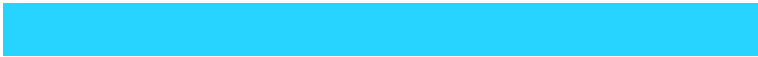


# Inverse Universe

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



151.2410, 30.9402, -77.3874



164.8760, 44.4311, -111.2703



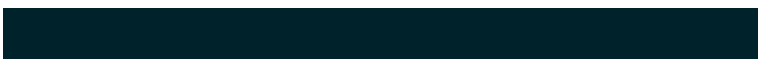
108.3900, 52.0657, -39.8070



102.5370, 2.2003, -5.7329



99.9130, 35.0459, -87.6237



25.4470, 8.6536, -22.3170



# Previews

## White Background



This preview shows how the YUV color 125.7590, -30.9402, 77.3874 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 125.7590, -30.9402, 77.3874 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 125.7590, -30.9402, 77.3874

## Background



This preview shows how black text looks on a background with the YUV color 125.7590, -30.9402, 77.3874.



This preview shows how white text looks on a background with the YUV color 125.7590, -30.9402,

77.3874.

# 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

125.7590, -30.9402, 77.3874

### Protanopia

128.6170, -25.9402, 13.4909

### Deuteranopia

128.1970, -35.5931, 29.6452



## Tritanopia

127.3580, -15.9525, 76.8620

# Trichromacy



## Original Color

125.7590, -30.9402, 77.3874

## Protanomaly

127.3040, -27.7579, 36.5674

## Deuteranomaly

127.1760, -33.6108, 47.2036

## Tritanomaly

126.5770, -21.4835, 77.5470

# Monochromacy



## Original Color

125.7590, -30.9402, 77.3874

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.9020, -11.2907, 28.1499

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.7590, -30.9402, 77.3874 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(214, 93, 63)` looks like.

```
.text, #text, p{  
    color:rgb(214, 93, 63)  
}
```

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(214, 93, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 93, 63) }
```

## Border

The CSS property to change the border of an element to YUV 125.7590, -30.9402, 77.3874 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(214, 93, 63) }
```



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

```
.border{ border-color:rgb(214, 93, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 93, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 93, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 93, 63);  
box-shadow:4px 4px 4px 4px rgb(214, 93,  
63) }
```

# Background

The CSS property to change the background color of an element to YUV 125.7590, -30.9402, 77.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 93, 63) }
```

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

```
.background{ background-color: rgb(214, 93,  
63) }
```

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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