

# Converting Colors

YUV(149.2500, -55.8323,  
81.3417)

Have a look what the booklet for  
YUV(149.2500, -55.8323, 81.3417)  
contains.

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# Color

**YUV(149.2500, -55.8323,  
81.3417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F27C24
RGB	242, 124, 36
RGB Percent	95%, 49%, 14%
CMY	0.0510, 0.5137, 0.8588
CMYK	0.00, 0.49, 0.85, 0.05
HSL	26°, 89%, 55%
HSV	26°, 85%, 95%
XYZ	44.1440, 33.4199, 5.7931
YIQ	149.2500, 98.5760, -2.3520

# Conversions

## Conversions Part 2

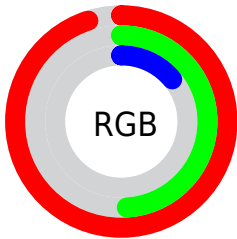
Format	Color
R <sub>Y</sub> B	242, 190, 36
Decimal	15891492
CIE Lab	64.50, 40.23, 63.57
CIE LCh	64, 75.230, 57.672
Yxy	33.4199, 0.5296, 0.4009
Android (android.graphics.Color)	4294081572 (0xFFFF27C24)
YUV	149.2500, -55.8323, 81.3417
Hunter-Lab	57.8100, 35.1362, 34.5256

# Details

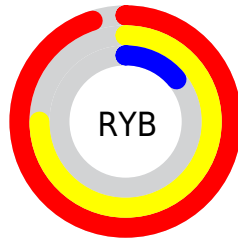
The YUV color **149.2500, -55.8323, 81.3417** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **128.7500, 55.8323, -81.3418**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9910, -49.7886, 56.1359**, and **95.7850, -47.2220, 72.9796** is the 20% darker color. If you saturate the color by 10%, you get **138.2960, -62.2639, 90.9484**, and if you desaturate by 10%, it is **160.2040, -49.4006, 71.7351**.

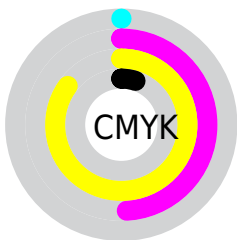
# Distribution



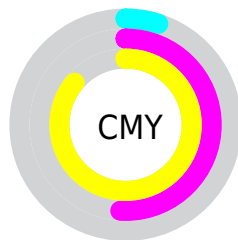
- Red (95%)
- Green (49%)
- Blue (14%)



- Red (95%)
- Yellow (75%)
- Blue (14%)



- Cyan (0%)
- Magenta (49%)
- Yellow (85%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.2500, -55.8323, 81.3417 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 149.2500, -55.8323, 81.3417 by changing the saturation by 10% instead.



149.2500,  
-55.8323, 81.3417

149.2500,  
-55.8323, 81.3417

255.0000, 0.0000,  
0.0000

120.3160,  
-59.3158, 78.6529

190.9910,  
-49.7886, 56.1359

95.7850, -47.2220,  
72.9796

210.5050,  
-46.0980, 39.0221

71.8410, -35.4176,  
66.7914

230.6060,  
-42.6968, 21.3935

46.7230, -23.0344,  
61.6329

245.4240,  
-36.6910, 8.3982

26.3120, -12.9718,  
54.1004

248.6160,  
-24.4607, 5.5988

17.9400, -8.8444,  
36.8866

251.9220,

9.0840, -3.9854,

-11.7935, 2.6994

18.3433

■ 0.0000, 0.0000,  
0.0000

■ 149.2500,  
-55.8323, 81.3417

■ 149.2500,  
-55.8323, 81.3417

■ 138.2960,  
-62.2639, 90.9484

■ 160.2040,  
-49.4006, 71.7351


■ 132.8190,  
-65.4798, 95.7517


■ 171.1580,  
-42.9689, 62.1284


■ 182.2260,  
-36.1004, 52.4218

■ 192.5930,  
-29.3793, 43.3299

■ 203.5470,  
-22.9477, 33.7233

 214.5010,  
-16.5160, 24.1166

 225.4550,  
-10.0843, 14.5100

 236.5230, -3.2158,  
4.8033

 247.4770, 3.2158,  
-4.8033

# Harmonies

## Analogous

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



142.5950, -21.9853, 98.5792



149.2500, -55.8323, 81.3417



146.6320, -72.2896, 39.7877

# Triad

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



149.2500, -55.8323, 81.3417



126.1680, 11.2562, -110.6493



154.2950, 49.6476, -10.7827

# Complementary

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



149.2500, -55.8323, 81.3417



128.7500, 55.8323, -81.3418

# 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.



126.5120, 63.3446, -110.9510



149.2500, -55.8323, 81.3417



134.5070, 40.6690, -117.9626

# Square

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



149.2500, -55.8323, 81.3417



115.3670, -17.4359, -101.1769



135.3170, 59.0037, -118.6730



158.5710, 34.7215, 63.5202



# Rectangle

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



149.2500, -55.8323, 81.3417



141.7050, -69.8606, 7.2747



135.3170, 59.0037, -118.6730



143.7310, 54.8556, -47.9991

# Sweetspot

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



149.2500, -55.8323, 81.3417



225.1700, -17.8318, 26.1609



111.2740, 22.0499, 114.6467



109.9390, -10.8159, 15.8395



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.



149.2500, -55.8323, 81.3417



140.2280, -69.1324, 100.6550



208.5370, -85.0607, 29.3471



114.5230, -3.2158, 4.8033



100.8020, -49.6954, 72.9646



30.8320, -15.2002, 22.0723



# Inverse Universe

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



128.7500, 55.8323, -81.3418



114.7720, 69.1324, -100.6550



69.4630, 85.0607, -29.3471



113.4770, 3.2158, -4.8033



82.6110, 49.9848, -72.4498



25.1680, 15.2002, -22.0723



# Previews

## White Background



This preview shows how the YUV color 149.2500, -55.8323, 81.3417 looks on a white 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



# Black Background



This preview shows how the YUV color 149.2500, -55.8323, 81.3417 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 ✓ Pass

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

# YUV 149.2500, -55.8323, 81.3417

## Background



This preview shows how black text looks on a background with the YUV color 149.2500, -55.8323, 81.3417.



This preview shows how white text looks on a background with the YUV color 149.2500, -55.8323, 81.3417.



# 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

149.2500, -55.8323, 81.3417

### Protanopia

149.7990, -52.1589, 22.9783

### Deuteranopia

149.1730, -62.6963, 42.8213



## Tritanopia

155.7820, -15.6685, 79.1212

# Trichromacy



## Original Color

149.2500, -55.8323, 81.3417

## Protanomaly

149.5890, -53.5344, 44.2104

## Deuteranomaly

149.2440, -60.2663, 56.7910

## Tritanomaly

153.5960, -30.3668, 80.1613

# Monochromacy



## Original Color

149.2500, -55.8323, 81.3417

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.2090, -20.3160, 29.6347

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.2500, -55.8323, 81.3417 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(242, 124, 36)` looks like.

```
.text, #text, p{  
    color:rgb(242, 124, 36)  
}
```

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(242, 124, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 124, 36) }
```

## Border

The CSS property to change the border of an element to YUV 149.2500, -55.8323, 81.3417 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(242, 124, 36) }
```



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

```
.border{ border-color:rgb(242, 124, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 124, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 124, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 124, 36);  
box-shadow:4px 4px 4px 4px rgb(242, 124,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 149.2500, -55.8323, 81.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 124, 36) }
```

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

```
.background{ background-color: rgb(242,  
124, 36) }
```

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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