

# Converting Colors

YUV(125.5090, -15.0409,  
64.4516)

Have a look what the booklet for  
YUV(125.5090, -15.0409, 64.4516)  
contains.

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# Color

**YUV(125.5090, -15.0409,  
64.4516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75E5F
RGB	199, 94, 95
RGB Percent	78%, 37%, 37%
CMY	0.2196, 0.6314, 0.6275
CMYK	0.00, 0.53, 0.52, 0.22
HSL	359°, 48%, 57%
HSV	359°, 53%, 78%
XYZ	29.6215, 20.9737, 13.3136
YIQ	125.5090, 62.2590, 22.5710

# Conversions

## Conversions Part 2

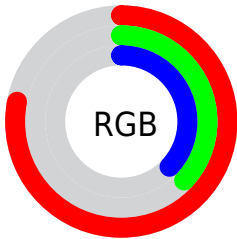
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 94, 95
Decimal	13065823
CIE Lab	52.92, 41.92, 19.56
CIE LCh	53, 46.261, 25.014
Yxy	20.9737, 0.4635, 0.3282
Android (android.graphics.Color)	4291255903 (0xFFC75E5F)
YUV	125.5090, -15.0409, 64.4516
Hunter-Lab	45.7971, 35.3084, 14.8219

# Details

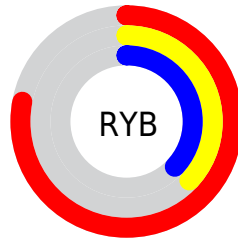
The YUV color **125.5090, -15.0409, 64.4516** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **167.4910, 15.0409, -64.4516**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0640, -16.7936, 66.5959**, and **72.1000, -11.3883, 59.5483** is the 20% darker color. If you saturate the color by 10%, you get **111.4890, -17.9891, 76.7471**, and if you desaturate by 10%, it is **139.5290, -12.0928, 52.1561**.

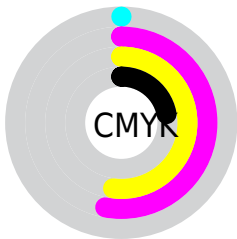
# Distribution



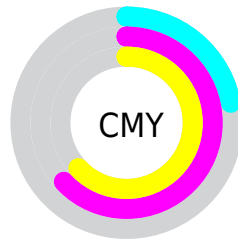
- Red (78%)
- Green (37%)
- Blue (37%)



- Red (78%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (53%)
- Yellow (52%)
- Black (22%)




- Cyan (22%)
- Magenta (63%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.5090, -15.0409, 64.4516 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 125.5090, -15.0409, 64.4516 by changing the saturation by 10% instead.




 125.5090,  
-15.0409, 64.4516

 125.5090,  
-15.0409, 64.4516


255.0000, 0.0000,  
0.0000


 98.8400, -13.7251,  
62.4073


 179.0640,  
-16.7936, 66.5959

 72.1000, -11.3883,  
59.5483


 198.5780,  
-13.1030, 49.4821

 43.7240, -7.7519,  
59.8781

 218.0920, -9.4124,  
32.3683

 25.4580, -11.0718,  
51.3413

 237.7200, -5.2850,  
15.1546

 17.0430, -8.4022,  
35.0423

 7.2900, -3.1010,  
14.6547

 0.0000, 0.0000,

0.0000

■ 125.5090,  
-15.0409, 64.4516

■ 125.5090,  
-15.0409, 64.4516

■ 111.4890,  
-17.9891, 76.7471

■ 139.5290,  
-12.0928, 52.1561

■ 97.5830, -20.5004,  
88.9427

■ 153.4350, -9.5815,  
39.9605

■ 83.5630, -23.4486,  
101.2382

■ 167.4550, -6.6333,  
27.6650

■ 69.5430, -26.3967,  
113.5338

■ 181.4750, -3.6852,  
15.3694

■ 59.7290, -28.4604,  
122.1407

■ 195.4950, -0.7370,  
3.0739

■ 208.8140, 2.0637,  
-8.6069

■ 222.8340, 5.0118,  
-20.9024

■ 236.8540, 7.9600,  
-33.1980

■ 238.2560, 8.2548,  
-34.4275

# Harmonies

## Analogous

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



127.6990, 3.5994, 59.0230



125.5090, -15.0409, 64.4516



124.8930, -31.0062, 51.8368

# Triad

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



125.5090, -15.0409, 64.4516



111.7950, -16.1679, -41.0392



101.4410, 51.0546, -88.9638

# Complementary

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



125.5090, -15.0409, 64.4516



167.4910, 15.0409, -64.4516

# 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.



105.1280, 42.3349, -92.1973



125.5090, -15.0409, 64.4516



99.1540, 9.2911, -86.9581

# Square

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



125.5090, -15.0409, 64.4516



119.0420, -34.0377, -2.6678



103.8280, 27.1998, -91.0572



127.5220, 35.2387, -9.2278



# Rectangle

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



125.5090, -15.0409, 64.4516



123.3720, -37.6514, 36.5078



103.8280, 27.1998, -91.0572



102.9740, 49.3128, -90.3082

# Sweetspot

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



125.5090, -15.0409, 64.4516



226.3730, -5.6069, 25.1059



136.7670, 30.6809, 52.8243



110.5890, -3.2484, 15.2694



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.



125.5090, -15.0409, 64.4516



142.3670, -22.8589, 98.7791



155.3320, -30.2367, 38.2968



92.6910, -1.3267, 5.5330



48.9650, -23.1537, 100.0087



10.7640, -5.3067, 22.1320



# Inverse Universe

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



125.5090, -15.0409, 64.4516



142.3670, -22.8589, 98.7791



137.6680, 30.2367, -38.2968



92.6910, -1.3267, 5.5330



48.9650, -23.1537, 100.0087



10.7640, -5.3067, 22.1320



# Previews

## White Background



This preview shows how the YUV color 125.5090, -15.0409, 64.4516 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

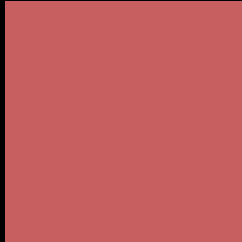
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 125.5090, -15.0409, 64.4516 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 125.5090, -15.0409, 64.4516 Background



This preview shows how black text looks on a background with the YUV color 125.5090, -15.0409, 64.4516.



This preview shows how white text looks on a background with the YUV color 125.5090, -15.0409,



# 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

125.5090, -15.0409, 64.4516

### Protanopia

126.8560, -8.3100, 5.3883

### Deuteranopia

126.4360, -17.9629, 21.5426



## Tritanopia

125.4920, -12.5676, 64.4665

# Trichromacy



## Original Color

125.5090, -15.0409, 64.4516

## Protanomaly

126.4180, -10.5591, 26.8204

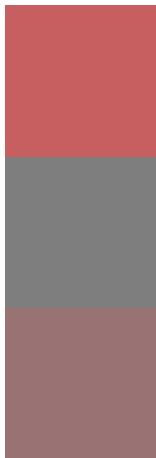
## Deuteranomaly

125.8770, -16.7014, 36.9419

## Tritanomaly

125.2640, -13.4412, 64.6665

# Monochromacy



## Original Color

125.5090, -15.0409, 64.4516

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.7750, -5.3121, 23.8763

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.5090, -15.0409, 64.4516 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(199, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(199, 94, 95)  
}
```

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(199, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 94, 95) }
```

## Border

The CSS property to change the border of an element to YUV 125.5090, -15.0409, 64.4516 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(199, 94, 95) }
```



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

```
.border{ border-color:rgb(199, 94, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(199, 94,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 125.5090, -15.0409, 64.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 94, 95) }
```

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

```
.background{ background-color: rgb(199, 94,  
95) }
```

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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