

# Converting Colors

YUV(97.2960, -25.7819, 9.3874)

Have a look what the booklet for  
YUV(97.2960, -25.7819, 9.3874)  
contains.

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# Color

**YUV(97.2960, -25.7819,  
9.3874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C662D
RGB	108, 102, 45
RGB Percent	42%, 40%, 18%
CMY	0.5765, 0.6000, 0.8235
CMYK	0.00, 0.06, 0.58, 0.58
HSL	54°, 41%, 30%
HSV	54°, 58%, 42%
XYZ	11.4094, 12.8803, 4.3674
YIQ	97.2960, 21.8730, -16.4550

# Conversions

## Conversions Part 2

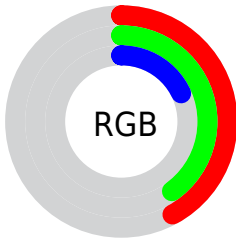
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 108, 45
Decimal	7104045
CIELab	42.58, -5.86, 32.54
CIElCh	43, 33.066, 100.212
Yxy	12.8803, 0.3981, 0.4495
Android (android.graphics.Color)	4285294125 (0xFF6C662D)
YUV	97.2960, -25.7819, 9.3874
Hunter-Lab	35.8892, -6.0600, 17.9073

# Details

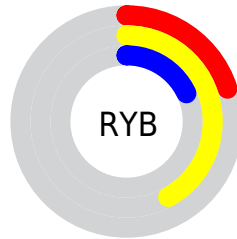
The YUV color **97.2960, -25.7819, 9.3874** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.7040, 25.7819, -9.3874**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5520, -27.3871, 10.9169**, and **49.6270, -24.4661, 7.3431** is the 20% darker color. If you saturate the color by 10%, you get **95.4550, -30.2973, 11.0020**, and if you desaturate by 10%, it is **99.1370, -21.2665, 7.7729**.

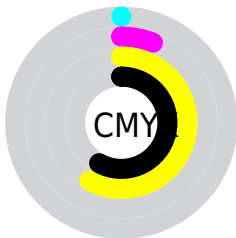
# Distribution



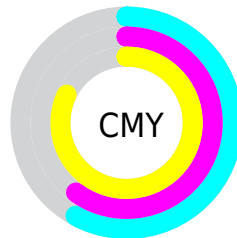
- Red (42%)
- Green (40%)
- Blue (18%)



- Red (20%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (6%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.2960, -25.7819, 9.3874 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 97.2960, -25.7819, 9.3874 by changing the saturation by 10% instead.



97.2960, -25.7819,  
9.3874

97.2960, -25.7819,  
9.3874

255.0000, 0.0000,  
0.0000

73.1110, -25.1977,  
8.6727

148.5520,  
-27.3871, 10.9169

49.6270, -24.4661,  
7.3431

175.6230,  
-28.4081, 11.7316

30.4230, -14.9985,  
4.0140

202.8080,  
-28.9923, 12.4464

7.6310, -3.7621,  
-6.6924

230.9930,  
-29.5765, 13.1611

0.0000, 0.0000,  
0.0000

248.5020,  
-24.8975, 5.6987

251.8080,

-12.2303, 2.7994

■ 97.2960, -25.7819,  
9.3874

■ 97.2960, -25.7819,  
9.3874

■ 95.4550, -30.2973,  
11.0020

■ 99.1370, -21.2665,  
7.7729

■ 93.6140, -34.8127,  
12.6165

■ 100.9780,  
-16.7512, 6.1583

■ 91.8870, -38.8913,  
14.1311

■ 102.7050,  
-12.6726, 4.6437

■ 90.0460, -43.4067,  
15.7457

■ 104.5460, -8.1572,  
3.0292

■ 89.8180, -44.2803,  
15.9456

■ 106.3870, -3.6418,  
1.4146

■ 108.2280, 0.8736,  
-0.2000

■ 110.0690, 5.3890,  
-1.8145

■ 111.7960, 9.4676,  
-3.3291

■ 113.6370, 13.9830,  
-4.9436

# Harmonies

## Analogous

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



99.6450, -24.9680, 28.3753



97.2960, -25.7819, 9.3874



93.8030, -18.1439, -13.8592

# Triad

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



97.2960, -25.7819, 9.3874



81.7210, 26.2665, -71.6693



103.3860, 8.1907, 32.9875

# Complementary

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



97.2960, -25.7819, 9.3874



55.7040, 25.7819, -9.3874

# 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.



103.4030, 19.0283, 10.1706



97.2960, -25.7819, 9.3874



80.6100, 34.7023, -70.6950

# Square

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



97.2960, -25.7819, 9.3874



79.9310, 14.3310, -70.0995



97.7840, 27.7145, -22.6126



101.7220, -4.7929, 44.0938



# Rectangle

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



97.2960, -25.7819, 9.3874



90.0980, -8.9223, -31.6579



97.7840, 27.7145, -22.6126



103.3790, 12.1382, 26.8546

# Sweetspot

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



97.2960, -25.7819, 9.3874



135.9760, -10.3412, 3.5290



64.5210, -6.6659, 38.1311



68.7030, -6.2626, 2.0145



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



97.2960, -25.7819, 9.3874



123.5450, -40.2017, 14.4310



93.3430, -23.8331, -9.0708



52.7290, -2.3314, 1.1147



97.2050, -47.9221, 17.3602



202.9820, -100.0701, 36.8498



# Inverse Universe

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



55.7040, 25.7819, -9.3874



58.4550, 40.2017, -14.4310



59.6570, 23.8331, 9.0708



49.2710, 2.3314, -1.1147



19.7950, 47.9221, -17.3602



41.4310, 100.3595, -36.3350



# Previews

## White Background



This preview shows how the YUV color 97.2960, -25.7819, 9.3874 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



This preview shows how the YUV color 97.2960, -25.7819, 9.3874 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

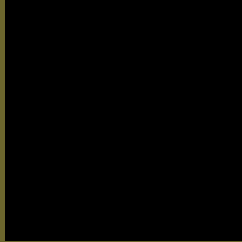
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.2960, -25.7819, 9.3874

## Background



This preview shows how black text looks on a background with the YUV color 97.2960, -25.7819, 9.3874.



This preview shows how white text looks on a background with the YUV color 97.2960, -25.7819,



# 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

97.2960, -25.7819, 9.3874

### Protanopia

97.9050, -26.0822, 12.3613

### Deuteranopia

98.7860, -25.5305, 22.1127



## Tritanopia

101.8810, 0.5517, 9.7514

# Trichromacy



## Original Color

97.2960, -25.7819, 9.3874

## Protanomaly

97.6060, -25.9348, 11.7465

## Deuteranomaly

98.0520, -25.6616, 17.4944

## Tritanomaly

100.0630, -8.9051, 9.5917

# Monochromacy



## Original Color

97.2960, -25.7819, 9.3874

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.2040, -9.4676, 3.3291

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.2960, -25.7819, 9.3874 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(108, 102, 45)` looks like.

```
.text, #text, p{  
    color:rgb(108, 102, 45)  
}
```

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(108, 102, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 102, 45) }
```

## Border

The CSS property to change the border of an element to YUV 97.2960, -25.7819, 9.3874 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(108, 102, 45) }
```



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

```
.border{ border-color:rgb(108, 102, 45) }
```

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

Here you see how a box with a 4 pixel rgb(108, 102, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 102, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 102, 45);  
box-shadow:4px 4px 4px 4px rgb(108, 102,  
45) }
```

# Background

The CSS property to change the background color of an element to YUV 97.2960, -25.7819, 9.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 102, 45) }
```

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

```
.background{ background-color: rgb(108,  
102, 45) }
```

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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