

# Converting Colors

YUV(50.9990, -25.1425,  
37.7119)

Have a look what the booklet for  
YUV(50.9990, -25.1425, 37.7119)  
contains.

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# Color

**YUV(50.9990, -25.1425,  
37.7119)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 5E2700                    |
| RGB           | 94, 39, 0                 |
| RGB Percent   | 37%, 15%, 0%              |
| CMY           | 0.6314, 0.8471, 1.0000    |
| CMYK          | 0.00, 0.59, 1.00, 0.63    |
| HSL           | 25°, 100%, 18%            |
| HSV           | 25°, 100%, 37%            |
| XYZ           | 5.3416, 3.8307, 0.4579    |
| YIQ           | 50.9990, 45.2990, -0.4690 |

# Conversions

## Conversions Part 2

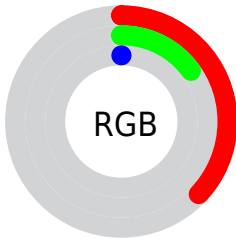
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 94, 67, 0                     |
| Decimal                             | 6170368                       |
| CIELab                              | 23.10, 22.97, 33.28           |
| CIELCh                              | 23, 40.441, 55.391            |
| Yxy                                 | 3.8307, 0.5547,<br>0.3978     |
| Android<br>(android.graphics.Color) | 4284360448<br>(0xFF5E2700)    |
| YUV                                 | 50.9990, -25.1425,<br>37.7119 |
| Hunter-Lab                          | 19.5722, 14.4645,<br>12.3135  |

# Details

The YUV color **50.9990, -25.1425, 37.7119** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **43.0010, 25.1425, -37.7119**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3910, -26.3218, 42.6301**, and **12.5580, -6.1911, 25.8206** is the 20% darker color. If you saturate the color by 10%, you get **50.9990, -25.1425, 37.7119**, and if you desaturate by 10%, it is **54.9600, -22.6583, 34.2381**.

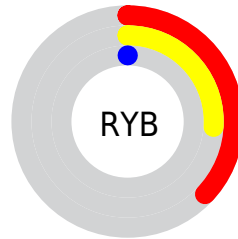
# Distribution



Red (37%)

Green (15%)

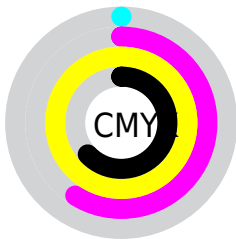
Blue (0%)



Red (37%)

Yellow (26%)

Blue (0%)

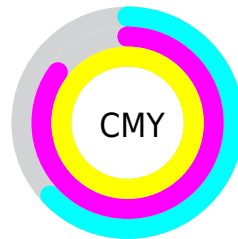


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (85%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 50.9990, -25.1425, 37.7119 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 50.9990, -25.1425, 37.7119 by changing the saturation by 10% instead.




 50.9990, -25.1425,  
37.7119


 50.9990, -25.1425,  
37.7119

 251.9220,  
-11.7935, 2.6994


 30.0120, -14.7959,  
32.4385


 100.3910,  
-26.3218, 42.6301


 12.5580, -6.1911,  
25.8206

 125.7720,  
-27.4956, 45.8040

 0.0000, 0.0000,  
0.0000


 152.5550,  
-28.3746, 47.7483


 179.6370,  
-29.4010, 50.3074


 204.4190,  
-28.8006, 44.3595


 223.8190,


-25.5468, 27.3457


 243.4470,  
-21.4194, 10.1320


 50.9990, -25.1425,  
37.7119

 54.9600, -22.6583,  
34.2381

 59.6220, -20.0266,  
30.1495

 63.5830, -17.5424,  
26.6757

 68.2450, -14.9108,  
22.5871

 72.7930, -12.7159,  
18.5985

■ 76.7540, -10.2317,  
15.1247

■ 81.4160, -7.6001,  
11.0362

■ 85.3770, -5.1159,  
7.5624

■ 90.0390, -2.4842,  
3.4738

# Harmonies

## Analogous

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



49.3160, -9.0298, 49.7119



50.9990, -25.1425, 37.7119



52.3510, -25.8090, 18.1092

# Triad

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



50.9990, -25.1425, 37.7119



45.5020, 1.7245, -39.9053



53.8610, 27.6765, -10.4021

# Complementary

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



50.9990, -25.1425, 37.7119



43.0010, 25.1425, -37.7119

# 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.



48.4440, 33.3051, -42.4854



50.9990, -25.1425, 37.7119



49.0360, 15.2653, -43.0046

# Square

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



50.9990, -25.1425, 37.7119



40.7940, -11.2374, -35.7763



50.7120, 26.7640, -44.4744



55.3450, 17.0849, 26.8844



# Rectangle

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



50.9990, -25.1425, 37.7119



50.4910, -24.8921, 3.9544



50.7120, 26.7640, -44.4744



45.3030, 33.8676, -36.2227

# Sweetspot

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



50.9990, -25.1425, 37.7119



105.5690, -9.6475, 14.4100



34.4900, 10.6044, 52.1903



50.8610, -5.8475, 8.8919



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



50.9990, -25.1425, 37.7119



66.4150, -32.7426, 48.7480



78.0010, -38.4545, 14.0311



43.6690, -1.3158, 2.0443



59.3050, -29.2374, 44.4595



128.3890, -63.2958, 95.2518



# Inverse Universe

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



43.0010, 25.1425, -37.7119



56.1720, 32.4532, -49.2628



15.9990, 38.4545, -14.0311



43.3310, 1.3158, -2.0443



50.1080, 29.5268, -43.9447



108.6110, 63.2958, -95.2518



# Previews

## White Background



This preview shows how the YUV color 50.9990, -25.1425, 37.7119 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

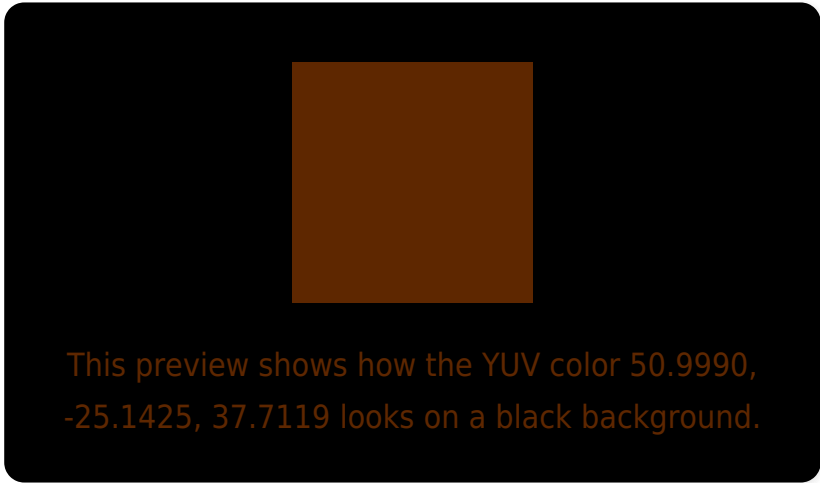
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

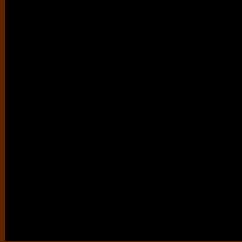
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 50.9990, -25.1425, 37.7119

## Background



This preview shows how black text looks on a background with the YUV color 50.9990, -25.1425, 37.7119.



This preview shows how white text looks on a background with the YUV color 50.9990, -25.1425,



# 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

50.9990, -25.1425, 37.7119

### Protanopia

52.7350, -21.5614, 9.0024

### Deuteranopia

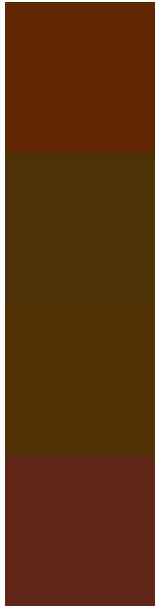
52.3400, -25.8036, 16.3648



## Tritanopia

53.9830, -7.3866, 35.9719

# Trichromacy



## Original Color

50.9990, -25.1425, 37.7119

## Protanomaly

52.1600, -22.7569, 19.1537

## Deuteranomaly

51.7970, -25.5359, 23.8570

## Tritanomaly

52.9740, -13.7912, 36.8568

# Monochromacy



## Original Color

50.9990, -25.1425, 37.7119

## Achromatopsia

51.0000, 0.0000, 0.0000

## Achromatomaly

51.2700, -9.5001, 13.7952

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 50.9990, -25.1425, 37.7119 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(94, 39, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 39, 0)  
}
```

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(94, 39, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 39, 0) }
```

## Border

The CSS property to change the border of an element to YUV 50.9990, -25.1425, 37.7119 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(94, 39, 0) }
```



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

```
.border{ border-color:rgb(94, 39, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 39, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 39, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 39, 0); box-shadow:4px  
4px 4px 4px rgb(94, 39, 0) }
```

# Background

The CSS property to change the background color of an element to YUV 50.9990, -25.1425, 37.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 39, 0) }
```

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

```
.background{ background-color: rgb(94, 39,  
0) }
```

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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