

# Converting Colors

YUV(59.7990, -11.7329,  
29.9943)

Have a look what the booklet for  
YUV(59.7990, -11.7329, 29.9943)  
contains.

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# Color

**YUV(59.7990, -11.7329,  
29.9943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E2F24
RGB	94, 47, 36
RGB Percent	37%, 18%, 14%
CMY	0.6314, 0.8157, 0.8588
CMYK	0.00, 0.50, 0.62, 0.63
HSL	11°, 45%, 25%
HSV	11°, 62%, 37%
XYZ	5.9510, 4.5401, 2.2317
YIQ	59.7990, 31.5430, 6.5430

# Conversions

## Conversions Part 2

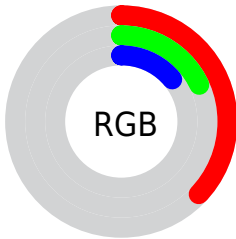
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 50, 36
Decimal	6172452
CIELab	25.38, 20.17, 16.61
CIELCh	25, 26.133, 39.476
Yxy	4.5401, 0.4677, 0.3568
Android (android.graphics.Color)	4284362532 (0xFF5E2F24)
YUV	59.7990, -11.7329, 29.9943
Hunter-Lab	21.3075, 12.5658, 8.7052

# Details

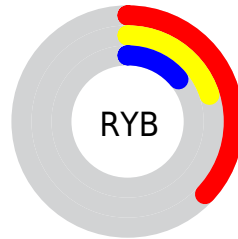
The YUV color **59.7990, -11.7329, 29.9943** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.2010, 11.7329, -29.9943**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3650, -13.4909, 33.8829**, and **14.6290, -7.2121, 26.6354** is the 20% darker color. If you saturate the color by 10%, you get **54.0770, -13.3490, 35.0125**, and if you desaturate by 10%, it is **65.5210, -10.1169, 24.9761**.

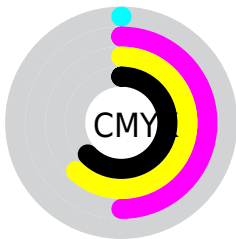
# Distribution



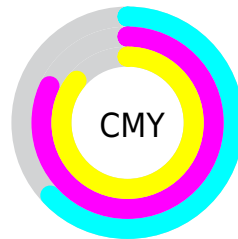
- Red (37%)
- Green (18%)
- Blue (14%)



- Red (37%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (50%)
- Yellow (62%)
- Black (63%)



- Cyan (63%)
- Magenta (82%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.7990, -11.7329, 29.9943 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 59.7990, -11.7329, 29.9943 by changing the saturation by 10% instead.



■ 59.7990, -11.7329,  
29.9943

■ 59.7990, -11.7329,  
29.9943

■ 255.0000, 0.0000,  
0.0000

■ 36.7170, -10.7065,  
27.4352

■ 108.3650,  
-13.4909, 33.8829

■ 14.6290, -7.2121,  
26.6354

■ 134.1480,  
-14.3700, 35.8272

■ 0.2990, -0.1474,  
0.6148

■ 160.6320,  
-15.1016, 37.1567

■ 0.0000, 0.0000,  
0.0000

■ 187.5290,  
-15.5438, 39.0011

■ 213.9200,  
-15.2436, 36.0272

■ 233.5480,

-11.1162, 18.8134

253.1760, -6.9888,  
1.5996

59.7990, -11.7329,  
29.9943

59.7990, -11.7329,  
29.9943

54.0770, -13.3490,  
35.0125

65.5210, -10.1169,  
24.9761

48.8280, -15.6912,  
39.6158

70.7700, -7.7746,  
20.3727

43.1060, -17.3073,  
44.6340

76.4920, -6.1586,  
15.3545

38.6720, -19.0653,  
48.5227

81.7410, -3.8163,  
10.7511

87.4630, -2.2003,  
5.7329

■ 93.1850, -0.5842,  
0.7148

■ 98.4340, 1.7580,  
-3.8886

■ 104.1560, 3.3741,  
-8.9068

■ 109.9920, 5.4269,  
-14.0250

# Harmonies

## Analogous

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



60.5140, -2.7184, 31.9982



59.7990, -11.7329, 29.9943



59.1370, -17.8155, 20.9279

# Triad

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



59.7990, -11.7329, 29.9943



49.3350, -1.6442, -32.7428



57.5690, 20.4255, -18.0390

# Complementary

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



59.7990, -11.7329, 29.9943



70.2010, 11.7329, -29.9943

# 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.



49.8000, 23.2696, -43.6746



59.7990, -11.7329, 29.9943



48.6140, 8.5713, -42.6345

# Square

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



59.7990, -11.7329, 29.9943



55.0900, -13.3554, -9.7259



50.1930, 17.1599, -44.0193



61.8280, 14.3818, 7.1668



# Rectangle

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



59.7990, -11.7329, 29.9943



58.3270, -19.3882, 11.9912



50.1930, 17.1599, -44.0193



53.4750, 22.9368, -30.2346

# Sweetspot

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



59.7990, -11.7329, 29.9943



108.8120, -4.8373, 11.5659



58.7000, 11.9799, 30.9581



52.9470, -2.9319, 7.0625



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.



59.7990, -11.7329, 29.9943



68.8890, -18.1863, 46.5783



76.8220, -20.1252, 15.0651



43.0820, -1.0264, 2.5591



45.2170, -22.2920, 56.8147



97.2780, -47.9581, 122.5362



# Inverse Universe

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



70.2010, 11.7329, -29.9943



85.1110, 18.1863, -46.5783



53.1780, 20.1252, -15.0651



43.9180, 1.0264, -2.5591



64.7830, 22.2920, -56.8147



139.7220, 47.9581, -122.5362



# Previews

## White Background



This preview shows how the YUV color 59.7990, -11.7329, 29.9943 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

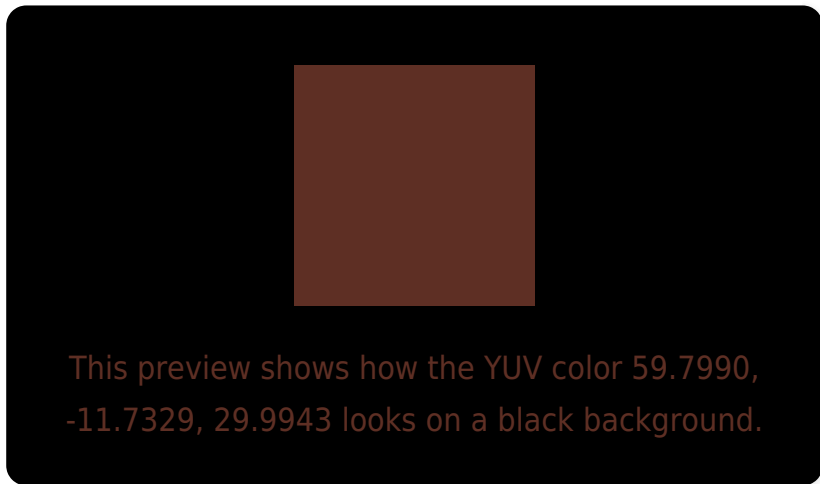
Any Text WCAG AA ✓ Pass

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

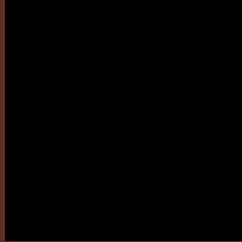
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 59.7990, -11.7329, 29.9943

## Background



This preview shows how black text looks on a background with the YUV color 59.7990, -11.7329, 29.9943.



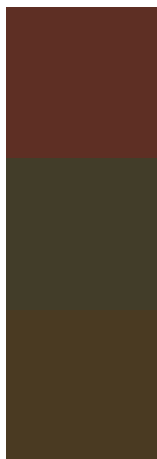
This preview shows how white text looks on a background with the YUV color 59.7990, -11.7329,



# 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

59.7990, -11.7329, 29.9943

### Protanopia

60.2150, -9.4730, 5.0734

### Deuteranopia

60.0480, -12.8417, 12.2359



## Tritanopia

60.2920, -6.0600, 30.4389

# Trichromacy



## Original Color

59.7990, -11.7329, 29.9943

## Protanomaly

60.0420, -10.3737, 13.9952

## Deuteranomaly

59.9070, -12.2792, 18.4986

## Tritanomaly

60.4230, -8.0965, 30.3240

# Monochromacy



## Original Color

59.7990, -11.7329, 29.9943

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

59.6270, -4.2531, 10.8511

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.7990, -11.7329, 29.9943 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, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(94, 47, 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(94, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 47, 36) }
```

## Border

The CSS property to change the border of an element to YUV 59.7990, -11.7329, 29.9943 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, 47, 36) }
```



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

```
.border{ border-color:rgb(94, 47, 36) }
```

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

Here you see how a box with a 4 pixel rgb(94, 47, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(94, 47, 36)  
}
```

# Background

The CSS property to change the background color of an element to YUV 59.7990, -11.7329, 29.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 47, 36) }
```

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

```
.background{ background-color: rgb(94, 47,  
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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