

# Converting Colors

YUV(54.3030, -9.5164, 19.0283)

Have a look what the booklet for  
YUV(54.3030, -9.5164, 19.0283)  
contains.

<b>YUV(54.3030, -9.5164, 19.0283)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(54.3030, -9.5164,  
19.0283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C2F23
RGB	76, 47, 35
RGB Percent	30%, 18%, 14%
CMY	0.7020, 0.8157, 0.8627
CMYK	0.00, 0.38, 0.54, 0.70
HSL	18°, 37%, 22%
HSV	18°, 54%, 30%
XYZ	4.3004, 3.6909, 2.0759
YIQ	54.3030, 21.1360, 2.4160

# Conversions

## Conversions Part 2

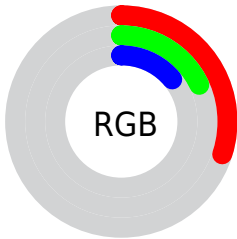
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 52, 35
Decimal	4992803
CIE <sub>Lab</sub>	22.62, 11.69, 13.16
CIE <sub>LCh</sub>	23, 17.604, 48.381
Yxy	3.6909, 0.4272, 0.3666
Android (android.graphics.Color)	4283182883 (0xFF4C2F23)
YUV	54.3030, -9.5164, 19.0283
Hunter-Lab	19.2117, 6.3354, 7.0417




# Details

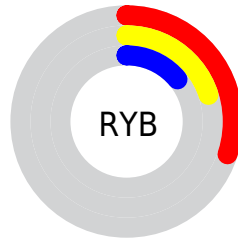
The YUV color **54.3030, -9.5164, 19.0283** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.6970, 9.5164, -19.0283**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6840, -10.6902, 22.2021**, and **9.2690, -4.5696, 19.0581** is the 20% darker color. If you saturate the color by 10%, you get **50.4560, -11.5638, 22.4021**, and if you desaturate by 10%, it is **58.1500, -7.4689, 15.6545**.

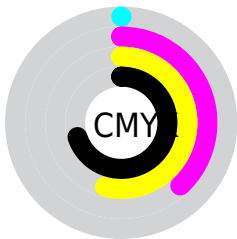
# Distribution







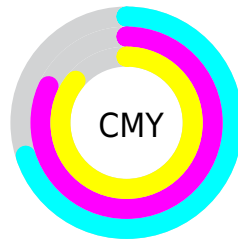
-  Red (30%)
-  Green (18%)
-  Blue (14%)






-  Red (30%)
-  Yellow (20%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (54%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (82%)
-  Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.3030, -9.5164, 19.0283 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 54.3030, -9.5164, 19.0283 by changing the saturation by 10% instead.



■ 54.3030, -9.5164,  
19.0283

■ 54.3030, -9.5164,  
19.0283

■ 255.0000, 0.0000,  
0.0000

■ 32.4060, -9.0742,  
17.1839

■ 101.6840,  
-10.6902, 22.2021

■ 9.2690, -4.5696,  
19.0581

■ 126.8690,  
-11.2744, 22.9169

■ 0.0000, 0.0000,  
0.0000

■ 153.0540,  
-11.8586, 23.6316

■ 179.6520,  
-12.1534, 24.8612

■ 207.2500,  
-12.4482, 26.0907

■ 232.1460,

-11.4110, 20.0430

■ 252.3610, -7.5730,  
2.3144

■ 54.3030, -9.5164,  
19.0283

■ 54.3030, -9.5164,  
19.0283

■ 50.4560, -11.5638,  
22.4021

■ 58.1500, -7.4689,  
15.6545

■ 46.1360, -12.8850,  
26.1907

■ 62.4700, -6.1477,  
11.8658

■ 42.2890, -14.9325,  
29.5645

■ 66.3170, -4.1003,  
8.4920

■ 37.9690, -16.2537,  
33.3532

■ 70.6370, -2.7790,  
4.7034

■ 35.6380, -17.5695,  
35.3975

■ 74.4840, -0.7316,  
1.3295

■ 78.3310, 1.3158,  
-2.0443

■ 82.6510, 2.6371,  
-5.8329

■ 86.4980, 4.6845,  
-9.2067

■ 90.2310, 6.2951,  
-12.4806

# Harmonies

## Analogous

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



54.9920, -4.4331, 21.9320



54.3030, -9.5164, 19.0283



53.1620, -12.4049, 12.1359

# Triad

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



54.3030, -9.5164, 19.0283



47.8570, 0.0705, -22.6766



54.4690, 12.0938, -5.6733

# Complementary

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



54.3030, -9.5164, 19.0283



56.6970, 9.5164, -19.0283

# 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.



49.9400, 14.3266, -21.8724



54.3030, -9.5164, 19.0283



43.4730, 9.1338, -36.3718

# Square

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



54.3030, -9.5164, 19.0283



50.6970, -7.2456, -9.3813



43.8410, 14.3754, -37.5716



55.8190, 7.9772, 8.0517



# Rectangle

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



54.3030, -9.5164, 19.0283



52.5310, -12.0938, 5.6733



43.8410, 14.3754, -37.5716



53.0770, 13.2730, -10.5915

# Sweetspot

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



54.3030, -9.5164, 19.0283



90.8330, -3.3687, 7.1625



50.5650, 6.6235, 22.3065



45.7510, -2.3422, 4.6034



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



54.3030, -9.5164, 19.0283



65.2890, -14.9325, 29.5645



66.0430, -15.3042, 8.7323



36.3700, -1.1684, 1.4295



48.1080, -23.7172, 47.2633



108.0990, -53.2928, 106.9072



# Inverse Universe

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



56.6970, 9.5164, -19.0283



69.2980, 14.6431, -30.0793



44.9570, 15.3042, -8.7323



36.2170, 0.8790, -1.9443



53.8920, 23.7172, -47.2633



121.3140, 53.5822, -106.3924



# Previews

## White Background



This preview shows how the YUV color 54.3030, -9.5164, 19.0283 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

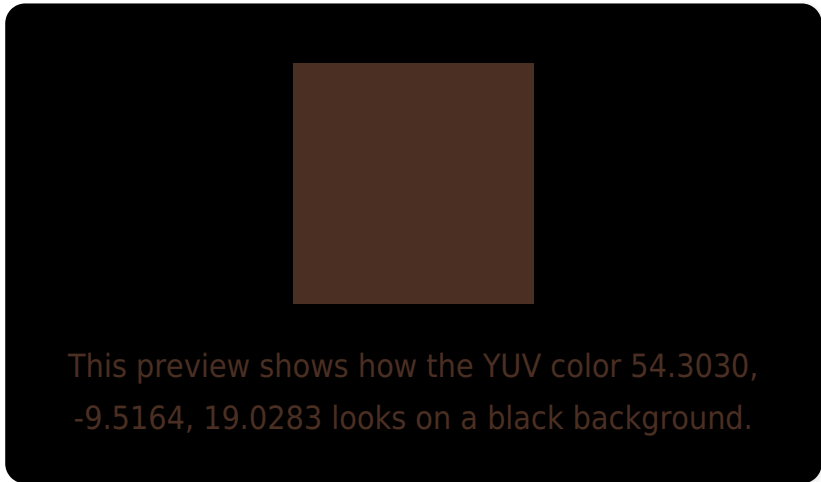
Any Text WCAG AA ✓ Pass

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

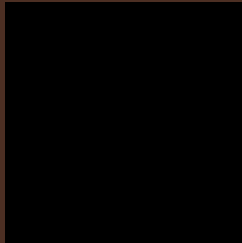
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 54.3030, -9.5164, 19.0283**

## **Background**



This preview shows how black text looks on a background with the YUV color 54.3030, -9.5164, 19.0283.



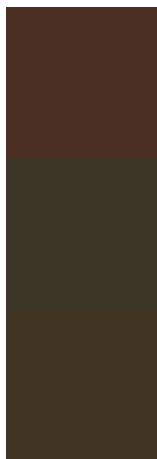
This preview shows how white text looks on a background with the YUV color 54.3030, -9.5164,



# 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

54.3030, -9.5164, 19.0283

### Protanopia

53.6710, -7.7258, 4.6735

### Deuteranopia

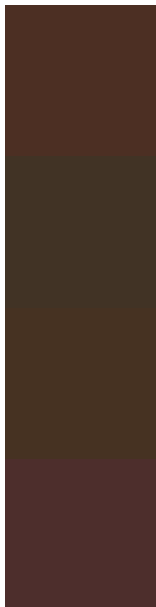
54.1340, -9.9261, 10.4065



## Tritanopia

55.0240, -2.9698, 19.2730

# Trichromacy



## Original Color

54.3030, -9.5164, 19.0283

## Protanomaly

53.5900, -8.1789, 10.0066

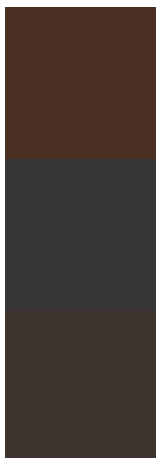
## Deuteranomaly

54.1560, -9.9369, 13.8952

## Tritanomaly

55.0410, -5.4432, 19.2580

# Monochromacy



## Original Color

54.3030, -9.5164, 19.0283

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

53.8330, -3.3687, 7.1625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.3030, -9.5164, 19.0283 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(76, 47, 35)` looks like.

```
.text, #text, p{  
    color:rgb(76, 47, 35)  
}
```

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(76, 47, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 47, 35) }
```

## Border

The CSS property to change the border of an element to YUV 54.3030, -9.5164, 19.0283 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(76, 47, 35) }
```



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

```
.border{ border-color:rgb(76, 47, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 47, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 47, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 47, 35);  
box-shadow:4px 4px 4px 4px rgb(76, 47, 35)  
}
```

# Background

The CSS property to change the background color of an element to YUV 54.3030, -9.5164, 19.0283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 47, 35) }
```

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

```
.background{ background-color: rgb(76, 47,  
35) }
```

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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