

# Converting Colors

YUV(41.1730, -8.9593, 27.0353)

Have a look what the booklet for  
YUV(41.1730, -8.9593, 27.0353)  
contains.

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# Color

**YUV(41.1730, -8.9593,  
27.0353)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481D17
RGB	72, 29, 23
RGB Percent	28%, 11%, 9%
CMY	0.7176, 0.8863, 0.9098
CMYK	0.00, 0.60, 0.68, 0.72
HSL	7°, 52%, 19%
HSV	7°, 68%, 28%
XYZ	3.2665, 2.3183, 1.0859
YIQ	41.1730, 27.5540, 7.2500

# Conversions

## Conversions Part 2

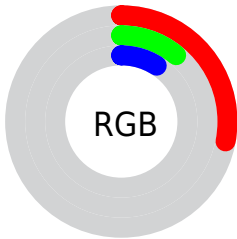
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 30, 23
Decimal	4726039
CIELab	17.08, 19.99, 13.98
CIElCh	17, 24.394, 34.959
Yxy	2.3183, 0.4897, 0.3475
Android (android.graphics.Color)	4282916119 (0xFF481D17)
YUV	41.1730, -8.9593, 27.0353
Hunter-Lab	15.2260, 11.6490, 6.4296

# Details

The YUV color **41.1730, -8.9593, 27.0353** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.8270, 8.9593, -27.0353**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.0380, -10.8647, 31.5387**, and **5.3820, -2.6533, 11.0660** is the 20% darker color. If you saturate the color by 10%, you get **36.8530, -10.2805, 30.8239**, and if you desaturate by 10%, it is **45.4930, -7.6380, 23.2466**.

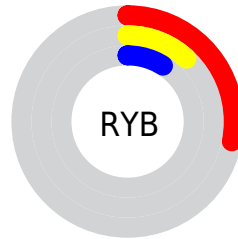
# Distribution



 Red (28%)

 Green (11%)

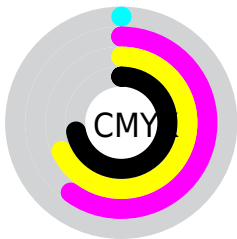
 Blue (9%)



 Red (28%)

 Yellow (12%)

 Blue (9%)

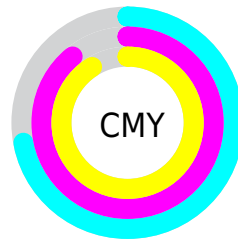


 Cyan (0%)

 Magenta (60%)

 Yellow (68%)

 Black (72%)



 Cyan (72%)

 Magenta (89%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.1730, -8.9593, 27.0353 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 41.1730, -8.9593, 27.0353 by changing the saturation by 10% instead.



■ 41.1730, -8.9593,  
27.0353

■ 41.1730, -8.9593,  
27.0353

■ 254.3160, -2.6208,  
0.5999

■ 18.4610, -9.1013,  
25.9057

■ 88.0380, -10.8647,  
31.5387

■ 5.3820, -2.6533,  
11.0660

■ 112.8210,  
-11.7438, 33.4830

■ 0.0000, 0.0000,  
0.0000

■ 139.0060,  
-12.3280, 34.1977

■ 165.4900,  
-13.0596, 35.5273

■ 192.3870,  
-13.5018, 37.3716

■ 217.9950,

-12.3225, 32.4534

■ 237.5090, -8.6319,  
15.3396

■ 41.1730, -8.9593,  
27.0353

■ 41.1730, -8.9593,  
27.0353

■ 36.8530, -10.2805,  
30.8239

■ 45.4930, -7.6380,  
23.2466

■ 31.9460, -11.3124,  
35.1274

■ 50.4000, -6.6062,  
18.9432

■ 27.5120, -13.0704,  
39.0160

■ 54.8340, -4.8482,  
15.0546

■ 26.8110, -13.2178,  
39.6308

■ 59.1540, -3.5269,  
11.2659

■ 64.0610, -2.4951,  
6.9625

■ 68.3810, -1.1738,  
3.1739

■ 72.7010, 0.1474,  
-0.6148

■ 77.7220, 1.6161,  
-5.0182

■ 82.0420, 2.9373,  
-8.8068

# Harmonies

## Analogous

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



41.9480, -0.9604, 28.1096



41.1730, -8.9593, 27.0353



40.7670, -16.6471, 19.4983

# Triad

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



41.1730, -8.9593, 27.0353



32.4390, -2.6814, -26.6950



36.4110, 20.0104, -24.9164

# Complementary

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



41.1730, -8.9593, 27.0353



53.8270, 8.9593, -27.0353

# 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.



36.4980, 17.9955, -32.0087



41.1730, -8.9593, 27.0353



34.4800, 5.1864, -30.2390

# Square

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



41.1730, -8.9593, 27.0353



37.9980, -13.8030, -6.1372



36.4180, 12.6119, -31.9386



43.2790, 13.6665, 3.2633



# Rectangle

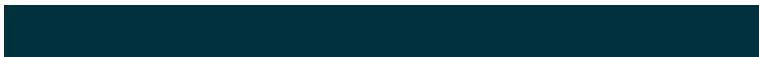
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.1730, -8.9593, 27.0353



39.7400, -19.0988, 12.5060



36.4180, 12.6119, -31.9386



35.1930, 20.6109, -30.8643

# Sweetspot

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



41.1730, -8.9593, 27.0353



82.4420, -3.6689, 10.1364



42.5530, 11.5594, 25.8250



40.8760, -1.9109, 6.2477



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



41.1730, -8.9593, 27.0353



45.3060, -13.9549, 42.7046



55.2610, -15.9047, 14.6801



33.7830, -0.8790, 1.9443



36.6450, -18.0660, 54.6853



84.3090, -41.5643, 125.1400



# Inverse Universe

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



53.8270, 8.9593, -27.0353



65.6940, 13.9549, -42.7046



39.7390, 15.9047, -14.6801



34.2170, 0.8790, -1.9443



62.3550, 18.0660, -54.6853



142.6910, 41.5643, -125.1400



# Previews

## White Background



This preview shows how the YUV color 41.1730, -8.9593, 27.0353 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

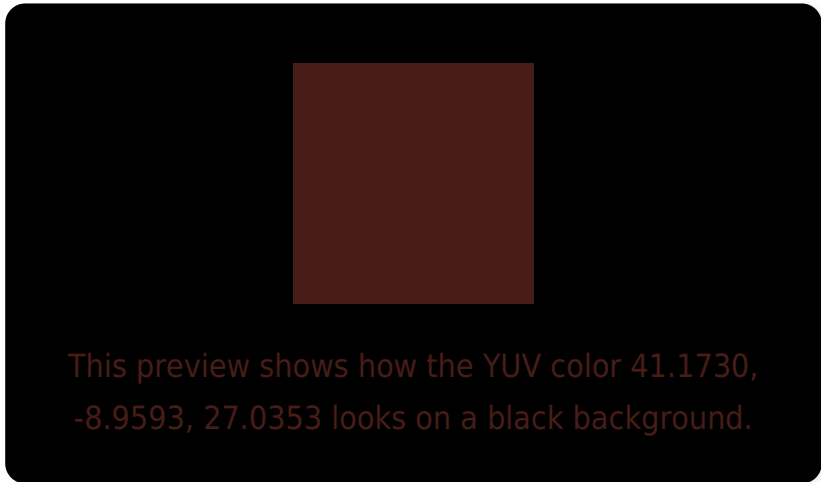
Any Text WCAG AA ✓ Pass

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

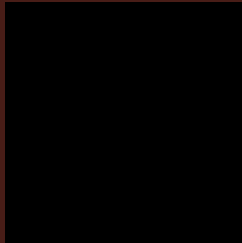
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 41.1730, -8.9593, 27.0353**

## **Background**



This preview shows how black text looks on a background with the YUV color 41.1730, -8.9593, 27.0353.



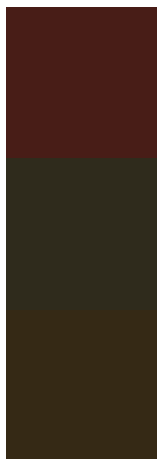
This preview shows how white text looks on a background with the YUV color 41.1730, -8.9593,



# 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

41.1730, -8.9593, 27.0353

### Protanopia

42.4860, -7.1416, 3.9588

### Deuteranopia

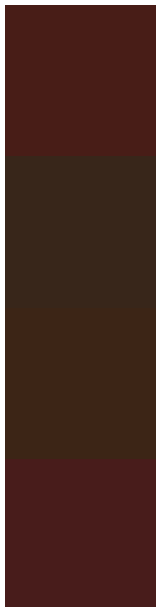
42.3080, -10.5048, 9.3769



## Tritanopia

41.3840, -5.6123, 26.8502

# Trichromacy



## Original Color

41.1730, -8.9593, 27.0353

## Protanomaly

42.0140, -7.8949, 12.2657

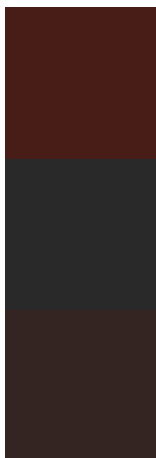
## Deuteranomaly

42.1670, -9.9423, 15.6395

## Tritanomaly

41.0420, -6.9227, 27.1502

# Monochromacy



## Original Color

41.1730, -8.9593, 27.0353

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

41.1430, -3.5215, 9.5216

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.1730, -8.9593, 27.0353 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(72, 29, 23)` looks like.

```
.text, #text, p{  
    color:rgb(72, 29, 23)  
}
```

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(72, 29, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 29, 23) }
```

## Border

The CSS property to change the border of an element to YUV 41.1730, -8.9593, 27.0353 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(72, 29, 23) }
```



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

```
.border{ border-color:rgb(72, 29, 23) }
```

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

Here you see how a box with a 4 pixel rgb(72, 29, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 29, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 29, 23);  
box-shadow:4px 4px 4px 4px rgb(72, 29, 23)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.1730, -8.9593, 27.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 29, 23) }
```

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

```
.background{ background-color: rgb(72, 29,  
23) }
```

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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