

# Converting Colors

YUV(41.4070, -20.4137,  
61.0331)

Have a look what the booklet for  
YUV(41.4070, -20.4137, 61.0331)  
contains.

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# Color

**YUV(41.4070, -20.4137,  
61.0331)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F0E00
RGB	111, 14, 0
RGB Percent	44%, 5%, 0%
CMY	0.5647, 0.9451, 1.0000
CMYK	0.00, 0.87, 1.00, 0.56
HSL	8°, 100%, 22%
HSV	8°, 100%, 44%
XYZ	6.7126, 3.6936, 0.3591
YIQ	41.4070, 62.3060, 16.2100

# Conversions

## Conversions Part 2

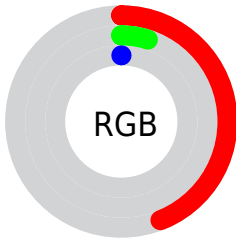
Format	Color
<b>R<sub>Y</sub>B</b>	111, 16, 0
Decimal	7278080
CIE Lab	22.63, 40.16, 33.88
CIE LCh	23, 52.544, 40.154
Yxy	3.6936, 0.6235, 0.3431
Android (android.graphics.Color)	4285468160 (0xFF6F0E00)
YUV	41.4070, -20.4137, 61.0331
Hunter-Lab	19.2187, 28.7126, 12.3451

# Details

The YUV color **41.4070, -20.4137, 61.0331** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **69.5930, 20.4137, -61.0331**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6910, -24.4977, 64.2920**, and **16.4450, -8.1074, 33.8127** is the 20% darker color. If you saturate the color by 10%, you get **41.4070, -20.4137, 61.0331**, and if you desaturate by 10%, it is **48.5310, -18.5028, 54.7853**.

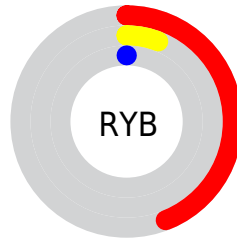
# Distribution



Red (44%)

Green (5%)

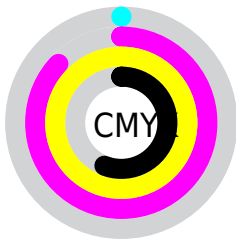
Blue (0%)



Red (44%)

Yellow (6%)

Blue (0%)

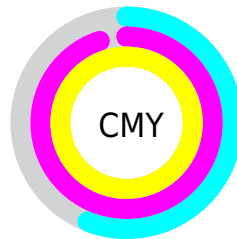


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.4070, -20.4137, 61.0331 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 41.4070, -20.4137, 61.0331 by changing the saturation by 10% instead.



41.4070, -20.4137,  
61.0331

41.4070, -20.4137,  
61.0331

251.8080,  
-12.2303, 2.7994

24.5180, -12.0874,  
50.4117

96.6910, -24.4977,  
64.2920

16.4450, -8.1074,  
33.8127

122.9580,  
-26.1083, 67.5658

5.6810, -2.8007,  
11.6808

149.9260,  
-27.5715, 70.2249


0.0000, 0.0000,  
0.0000


176.1000,  
-28.1503, 69.1953


194.7990,  
-25.0439, 52.7963


214.3130,


-21.3533, 35.6825


 234.4140,  
-17.9521, 18.0539


 41.4070, -20.4137,  
61.0331

 48.5310, -18.5028,  
54.7853

 55.0680, -16.3025,  
49.0524

 62.1920, -14.3917,  
42.8046

 69.3160, -12.4808,  
36.5569

 76.5540, -10.1331,  
30.2091

■ 83.0910, -7.9329,  
24.4762

■ 90.2150, -6.0220,  
18.2284

■ 97.3390, -4.1111,  
11.9807

■ 103.8760, -1.9109,  
6.2477

# Harmonies

## Analogous

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



40.7820, 1.0935, 69.4742



41.4070, -20.4137, 61.0331



50.9660, -25.1262, 32.4788

# Triad

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



41.4070, -20.4137, 61.0331



42.7660, -8.7586, -37.5058



47.4470, 42.1776, -41.6110

# Complementary

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



41.4070, -20.4137, 61.0331



69.5930, 20.4137, -61.0331

# 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.



53.4480, 37.2471, -46.8739



41.4070, -20.4137, 61.0331



48.7280, 9.0081, -42.7345

# Square

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



41.4070, -20.4137, 61.0331



38.7530, -19.1052, -32.2324



52.3590, 25.4590, -45.9188



54.2860, 29.9320, 12.9042



# Rectangle

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



41.4070, -20.4137, 61.0331



51.1440, -25.2140, 13.9057



52.3590, 25.4590, -45.9188



50.4960, 41.1675, -44.2850

# Sweetspot

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



41.4070, -20.4137, 61.0331



117.7920, -7.7855, 23.8614



44.3610, 26.4440, 58.4424



57.4210, -5.1376, 14.5398



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



41.4070, -20.4137, 61.0331



53.9210, -26.5831, 79.8763



73.1050, -36.0408, 33.2339



52.3810, -1.1738, 3.1739



44.6850, -22.0297, 66.0513



92.0500, -45.3806, 135.8911



# Inverse Universe

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



69.5930, 20.4137, -61.0331



91.0790, 26.5831, -79.8763



37.8950, 36.0408, -33.2339



53.6190, 1.1738, -3.1739



75.3150, 22.0297, -66.0513

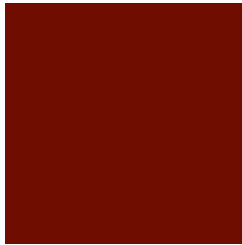


154.9500, 45.3807, -135.8911



# Previews

## White Background



This preview shows how the YUV color 41.4070, -20.4137, 61.0331 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

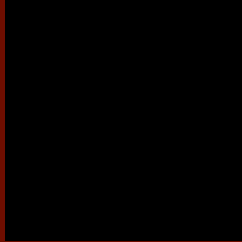
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.4070, -20.4137, 61.0331

## Background



This preview shows how black text looks on a background with the YUV color 41.4070, -20.4137, 61.0331.



This preview shows how white text looks on a background with the YUV color 41.4070, -20.4137,



# 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



### Protanopia

54.1910, -19.8142, 8.6025

### Deuteranopia

53.2260, -26.2404, 16.4648

### Tritanopia

42.0740, -15.3195, 60.4481

# Trichromacy



## Protanomaly

49.3120, -19.8738, 27.7904

## Deuteranomaly

48.6070, -23.9633, 32.7937

## Tritanomaly

41.6180, -17.0667, 60.8480

# Monochromacy



## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

40.8950, -7.3432, 22.0171

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.4070, -20.4137, 61.0331 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(111, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 14, 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(111, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 14, 0) }
```

## Border

The CSS property to change the border of an element to YUV 41.4070, -20.4137, 61.0331 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(111, 14, 0) }
```

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

```
.border{ border-color:rgb(111, 14, 0) }
```

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

Here you see how a box with a 4 pixel rgb(111, 14, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 14, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 14, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 14, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 41.4070, -20.4137, 61.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 14, 0) }
```

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

```
.background{ background-color: rgb(111, 14,  
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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