

# Converting Colors

YUV(104.4180, -37.1811,  
72.4244)

Have a look what the booklet for  
YUV(104.4180, -37.1811, 72.4244)  
contains.

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# Color

**YUV(104.4180, -37.1811,  
72.4244)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4D1D
RGB	187, 77, 29
RGB Percent	73%, 30%, 11%
CMY	0.2667, 0.6980, 0.8863
CMYK	0.00, 0.59, 0.84, 0.27
HSL	18°, 73%, 42%
HSV	18°, 84%, 73%
XYZ	23.3692, 15.9613, 3.0115
YIQ	104.4180, 80.9680, 8.3920

# Conversions

## Conversions Part 2

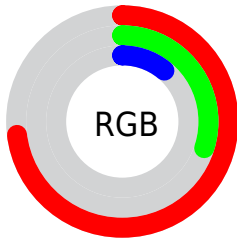
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 98, 29
Decimal	12274973
CIELab	46.92, 42.01, 48.01
CIELCh	47, 63.794, 48.808
Yxy	15.9613, 0.5519, 0.3770
Android (android.graphics.Color)	4290465053 (0xFFBB4D1D)
YUV	104.4180, -37.1811, 72.4244
Hunter-Lab	39.9515, 34.4962, 23.4968

# Details

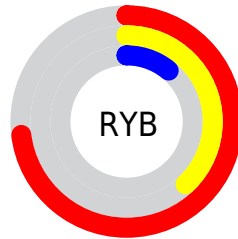
The YUV color **104.4180, -37.1811, 72.4244** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **111.5820, 37.1811, -72.4244**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0660, -39.9655, 78.8721**, and **51.4740, -25.3767, 66.2363** is the 20% darker color. If you saturate the color by 10%, you get **94.6210, -41.7182, 81.0164**, and if you desaturate by 10%, it is **114.2150, -32.6440, 63.8324**.

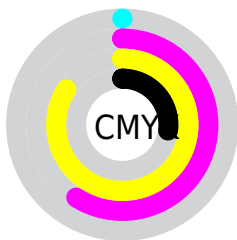
# Distribution



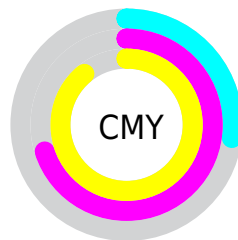
- Red (73%)
- Green (30%)
- Blue (11%)



- Red (73%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (84%)
- Black (27%)




- Cyan (27%)
- Magenta (70%)
- Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 104.4180, -37.1811, 72.4244 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 104.4180, -37.1811, 72.4244 by changing the saturation by 10% instead.




 104.4180,  
-37.1811, 72.4244


 104.4180,  
-37.1811, 72.4244


255.0000, 0.0000,  
0.0000

 76.8090, -36.8808,  
69.4505


 159.0660,  
-39.9655, 78.8721


 51.4740, -25.3767,  
66.2363


 179.5590,  
-37.7436, 66.1618


 28.7040, -14.1511,  
59.0186

 198.9590,  
-34.4898, 49.1480

 20.3320, -10.0237,  
41.8048

 218.3590,  
-31.2360, 32.1342

 12.6720, -5.7543,  
25.7207

 238.4600,  
-27.8348, 14.5056

 0.0000, 0.0000,  
0.0000

 249.8700,

-19.6559, 4.4990

253.1760, -6.9888,  
1.5996

104.4180,  
-37.1811, 72.4244

104.4180,  
-37.1811, 72.4244

94.6210, -41.7182,  
81.0164

114.2150,  
-32.6440, 63.8324

89.3720, -44.0604,  
85.6198

123.8980,  
-28.5437, 55.3405

133.6950,  
-24.0066, 46.7485

143.4920,  
-19.4696, 38.1565

153.2890,  
-14.9325, 29.5645

■ 162.9720,  
-10.8322, 21.0726

■ 172.7690, -6.2951,  
12.4806

■ 182.5660, -1.7580,  
3.8886

■ 192.2490, 2.3422,  
-4.6034

# Harmonies

## Analogous

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



100.6400, -10.1755, 90.6467



104.4180, -37.1811, 72.4244



105.0230, -51.7763, 40.3218

# Triad

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



104.4180, -37.1811, 72.4244



88.8040, 0.0966, -77.8811



103.3620, 54.5445, -41.5365

# Complementary

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



104.4180, -37.1811, 72.4244



111.5820, 37.1811, -72.4244

# 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.



97.5260, 58.9007, -85.5303



104.4180, -37.1811, 72.4244



95.6610, 23.8311, -83.8947

# Square

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



104.4180, -37.1811, 72.4244



86.2480, -26.7443, -55.4685



99.2580, 45.2288, -87.0493



113.2810, 34.3715, 35.7106



# Rectangle

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



104.4180, -37.1811, 72.4244



102.7980, -50.6794, 15.0862



99.2580, 45.2288, -87.0493



91.1830, 62.5208, -79.9675

# Sweetspot

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



104.4180, -37.1811, 72.4244



210.5060, -14.0535, 27.6202



88.8960, 25.1943, 86.0372



103.2210, -8.4900, 16.4692



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



104.4180, -37.1811, 72.4244



115.7960, -57.0874, 110.6809



150.2040, -59.7536, 32.2701



89.4520, -2.1948, 3.9886



75.4180, -37.1811, 72.4244



14.5520, -7.1741, 14.4249



# Inverse Universe

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



111.5820, 37.1811, -72.4244



126.7910, 56.7980, -111.1957



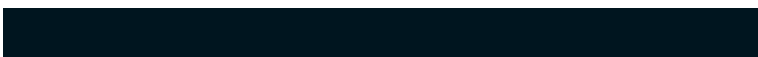
65.7960, 59.7536, -32.2701



89.5480, 2.1948, -3.9886



82.5820, 37.1811, -72.4244

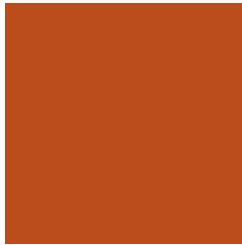


15.8610, 7.4635, -13.9101



# Previews

## White Background



This preview shows how the YUV color 104.4180, -37.1811, 72.4244 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 × Fail



# Black Background



This preview shows how the YUV color 104.4180, -37.1811, 72.4244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104.4180, -37.1811, 72.4244

## Background



This preview shows how black text looks on a background with the YUV color 104.4180, -37.1811, 72.4244.



This preview shows how white text looks on a background with the YUV color 104.4180, -37.1811,



# 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

104.4180, -37.1811, 72.4244

### Protanopia

107.4510, -34.2393, 15.3905

### Deuteranopia

105.9770, -45.3447, 30.7152



## Tritanopia

107.5530, -15.0626, 71.4290

# Trichromacy



## Original Color

104.4180, -37.1811, 72.4244

## Protanomaly

106.3550, -35.1780, 36.5227

## Deuteranomaly

105.1730, -42.4833, 46.3293

## Tritanomaly

106.4900, -22.9196, 71.4843

# Monochromacy



## Original Color

104.4180, -37.1811, 72.4244

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

104.0220, -13.3218, 26.2907

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.4180, -37.1811, 72.4244 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(187, 77, 29)` looks like.

```
.text, #text, p{  
    color:rgb(187, 77, 29)  
}
```

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(187, 77, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 77, 29) }
```

## Border

The CSS property to change the border of an element to YUV 104.4180, -37.1811, 72.4244 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(187, 77, 29) }
```



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

```
.border{ border-color:rgb(187, 77, 29) }
```

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

Here you see how a box with a 4 pixel rgb(187, 77, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 77, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 77, 29);  
box-shadow:4px 4px 4px 4px rgb(187, 77,  
29) }
```

# Background

The CSS property to change the background color of an element to YUV 104.4180, -37.1811, 72.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 77, 29) }
```

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

```
.background{ background-color: rgb(187, 77,  
29) }
```

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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