

# Converting Colors

YUV(104.6200, -17.0677,  
14.3653)

Have a look what the booklet for  
YUV(104.6200, -17.0677, 14.3653)  
contains.

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# Color

**YUV(104.6200, -17.0677,  
14.3653)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796746
RGB	121, 103, 70
RGB Percent	47%, 40%, 27%
CMY	0.5255, 0.5961, 0.7255
CMYK	0.00, 0.15, 0.42, 0.53
HSL	39°, 27%, 37%
HSV	39°, 42%, 47%
XYZ	13.8409, 14.2076, 7.8072
YIQ	104.6200, 21.3210, -6.4470

# Conversions

## Conversions Part 2

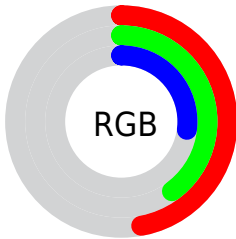
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 121, 70
Decimal	7956294
CIELab	44.53, 2.15, 21.27
CIElCh	45, 21.381, 84.223
Yxy	14.2076, 0.3860, 0.3962
Android (android.graphics.Color)	4286146374 (0xFF796746)
YUV	104.6200, -17.0677, 14.3653
Hunter-Lab	37.6930, -0.4175, 14.1046

# Details

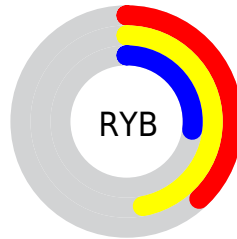
The YUV color  $104.6200, -17.0677, 14.3653$  is a dark color, and the websafe version is hex  $666633$ . A complement of this color would be  $86.3800, 17.0677, -14.3653$ , and the grayscale version is  $105.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $155.9900, -18.2361, 15.7948$ , and  $57.0650, -15.3150, 12.2210$  is the 20% darker color. If you saturate the color by 10%, you get  $100.9040, -21.1517, 17.6242$ , and if you desaturate by 10%, it is  $108.3360, -12.9836, 11.1063$ .

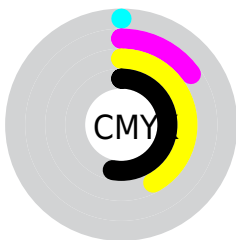
# Distribution



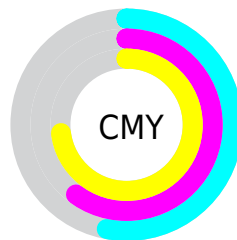
- Red (47%)
- Green (40%)
- Blue (27%)



- Red (38%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.6200, -17.0677, 14.3653 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 104.6200, -17.0677, 14.3653 by changing the saturation by 10% instead.



■ 104.6200,  
-17.0677, 14.3653

■ 104.6200,  
-17.0677, 14.3653

■ 255.0000, 0.0000,  
0.0000

■ 80.4350, -16.4835,  
13.6505

■ 155.9900,  
-18.2361, 15.7948

■ 57.0650, -15.3150,  
12.2210

■ 183.1750,  
-18.8203, 16.5095

■ 34.8970, -17.2042,  
11.4913

■ 210.6590,  
-19.5519, 17.8391

■ 15.6930, -7.7366,  
8.1622

■ 237.4630,  
-18.9623, 15.3799

■ 0.0000, 0.0000,  
0.0000

■ 251.8080,  
-12.2303, 2.7994

■ 104.6200,  
-17.0677, 14.3653

■ 104.6200,  
-17.0677, 14.3653

■ 100.9040,  
-21.1517, 17.6242

■ 108.3360,  
-12.9836, 11.1063

■ 96.6010, -24.9463,  
21.3979

■ 112.6390, -9.1890,  
7.3326

■ 92.8850, -29.0303,  
24.6569

■ 116.3550, -5.1050,  
4.0737

■ 89.1690, -33.1143,  
27.9158

■ 120.0710, -1.0210,  
0.8147

■ 85.3390, -37.6351,  
31.2747

■ 123.9010, 3.4998,  
-2.5442

■ 81.9650, -40.4087,  
34.2337

■ 128.2040, 7.2944,  
-6.3179

■ 131.9200, 11.3784,  
-9.5768

■ 135.6360, 15.4625,

-12.8358

■ 139.3520, 19.5465,  
-16.0947

# Harmonies

## Analogous

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



106.0820, -14.3374, 25.3611



104.6200, -17.0677, 14.3653



103.1020, -14.8403, -0.0895

# Triad

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



104.6200, -17.0677, 14.3653



95.4230, 11.6235, -41.5900



108.0910, 8.8291, 14.8292

# Complementary

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



104.6200, -17.0677, 14.3653



86.3800, 17.0677, -14.3653

# 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.



106.4030, 15.5773, -2.9844



104.6200, -17.0677, 14.3653



97.7530, 17.8698, -38.3714

# Square

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



104.6200, -17.0677, 14.3653



97.5570, 1.6974, -31.1835



102.3790, 18.5472, -22.2574



107.6920, 0.6448, 26.5801



# Rectangle

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



104.6200, -17.0677, 14.3653



101.3610, -11.0240, -10.8406



102.3790, 18.5472, -22.2574



107.7420, 11.4662, 8.9963

# Sweetspot

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



104.6200, -17.0677, 14.3653



151.6110, -6.7102, 5.6032



87.4150, 0.7814, 29.4540



75.1700, -4.5208, 3.3589



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



104.6200, -17.0677, 14.3653



132.3300, -27.2777, 22.5126



113.0930, -21.2448, 0.7954



59.1420, -2.0420, 1.6295



84.9220, -41.8665, 35.1484



171.0290, -84.3173, 71.0116



# Inverse Universe

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



86.3800, 17.0677, -14.3653



103.2570, 26.9883, -23.0274



77.9070, 21.2448, -0.7954



56.8580, 2.0420, -1.6295



40.0780, 41.8665, -35.1484

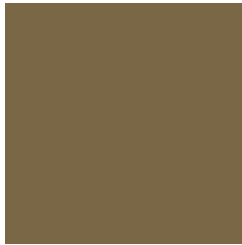


80.9710, 84.3173, -71.0116



# Previews

## White Background



This preview shows how the YUV color 104.6200, -17.0677, 14.3653 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 104.6200, -17.0677, 14.3653 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 104.6200, -17.0677, 14.3653

## Background



This preview shows how black text looks on a background with the YUV color 104.6200, -17.0677, 14.3653.



This preview shows how white text looks on a background with the YUV color 104.6200, -17.0677, 14.3653.



# 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

104.6200, -17.0677, 14.3653

### Protanopia

103.8150, -16.1778, 8.9322

### Deuteranopia

104.9410, -17.2259, 18.4687



## Tritanopia

106.9850, -0.4856, 15.7992

# Trichromacy



## Original Color

104.6200, -17.0677, 14.3653

## Protanomaly

104.1250, -16.3306, 11.2914

## Deuteranomaly

104.9300, -17.2205, 16.7244

## Tritanomaly

106.3780, -6.5954, 15.4545

# Monochromacy



## Original Color

104.6200, -17.0677, 14.3653

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.7250, -6.2734, 5.5032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.6200, -17.0677, 14.3653 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(121, 103, 70)` looks like.

```
.text, #text, p{  
    color:rgb(121, 103, 70)  
}
```

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(121, 103, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 103, 70) }
```

## Border

The CSS property to change the border of an element to YUV 104.6200, -17.0677, 14.3653 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(121, 103, 70) }
```



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

```
.border{ border-color:rgb(121, 103, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 103, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 103, 70); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 103, 70); box-shadow:4px 4px 4px 4px rgb(121, 103, 70) }
```

# Background

The CSS property to change the background color of an element to YUV 104.6200, -17.0677, 14.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 103, 70) }
```

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

```
.background{ background-color: rgb(121,  
103, 70) }
```

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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