

# Converting Colors

YUV(104.1630, -4.0244,  
-15.9290)

Have a look what the booklet for  
YUV(104.1630, -4.0244, -15.9290)  
contains.

<b>YUV(104.1630, -4.0244, -15.9290)</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(104.1630, -4.0244,  
-15.9290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	567360
RGB	86, 115, 96
RGB Percent	34%, 45%, 38%
CMY	0.6627, 0.5490, 0.6235
CMYK	0.25, 0.00, 0.17, 0.55
HSL	141°, 14%, 39%
HSV	141°, 25%, 45%
XYZ	12.0798, 15.0844, 13.3412
YIQ	104.1630, -11.1850, -12.0570

# Conversions

## Conversions Part 2

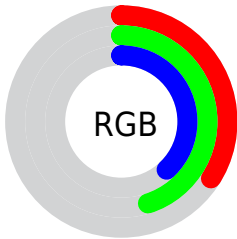
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 108, 115
Decimal	5665632
CIE <sub>Lab</sub>	45.75, -14.77, 7.13
CIE <sub>LCh</sub>	46, 16.404, 154.244
Yxy	15.0844, 0.2982, 0.3724
Android (android.graphics.Color)	4283855712 (0xFF567360)
<b>YUV</b>	104.1630, -4.0244, -15.9290
Hunter-Lab	38.8387, -12.4497, 6.8207

# Details

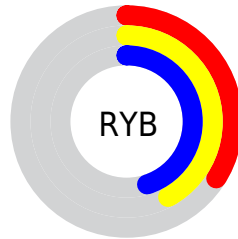
The YUV color  $[104.1630, -4.0244, -15.9290]$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $[96.8370, 4.0244, 15.9290]$ , and the grayscale version is  $[104.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[155.4510, -4.1663, -17.0585]$ , and  $[56.9890, -3.4456, -14.8994]$  is the 20% darker color. If you saturate the color by 10%, you get  $[99.9620, -5.8973, -21.8917]$ , and if you desaturate by 10%, it is  $[108.6630, -2.2989, -9.3515]$ .

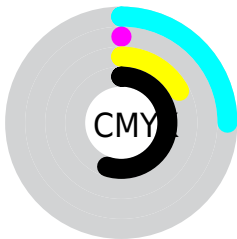
# Distribution



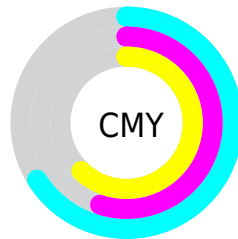
- Red (34%)
- Green (45%)
- Blue (38%)



- Red (34%)
- Yellow (42%)
- Blue (45%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (55%)



- Cyan (66%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.1630, -4.0244, -15.9290 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 104.1630, -4.0244, -15.9290 by changing the saturation by 10% instead.



■ 104.1630, -4.0244,  
-15.9290

■ 104.1630, -4.0244,  
-15.9290

255.0000, 0.0000,  
0.0000

■ 79.5760, -3.7350,  
-15.4142

■ 155.4510, -4.1663,  
-17.0585

■ 56.9890, -3.4456,  
-14.8994

■ 182.3370, -4.6031,  
-16.9585

■ 34.5160, -2.7194,  
-14.4845

■ 209.9240, -4.8925,  
-17.4733

■ 15.0170, -5.9244,  
-13.1699

■ 238.5110, -5.1819,  
-17.9881

■ 0.0000, 0.0000,  
0.0000

■ 252.3090, 1.3267,  
-5.5330

■ 104.1630, -4.0244,  
-15.9290

■ 104.1630, -4.0244,  
-15.9290

■ 99.9620, -5.8973,  
-21.8917

■ 108.6630, -2.2989,  
-9.3515

■ 95.5760, -7.1860,  
-28.5692

■ 112.7500, -0.8628,  
-3.2887

■ 91.0760, -8.9115,  
-35.1467

■ 117.2500, 0.8628,  
3.2887

■ 86.9890, -10.3476,  
-41.2094

■ 121.3370, 2.2989,  
9.3515

■ 82.7880, -12.2205,  
-47.1721

■ 125.8370, 4.0244,  
15.9290

■ 78.4020, -13.5092,  
-53.8496

■ 129.9240, 5.4605,  
21.9917

■ 73.9020, -15.2347,  
-60.4271

■ 134.1250, 7.3334,  
27.9544

■ 72.0650, -15.8080,

■ 138.5110, 8.6221,

-63.2010

34.6319

■ 143.0110, 10.3476,  
41.2094

# Harmonies

## Analogous

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



105.9320, -10.3195, -3.4484



104.1630, -4.0244, -15.9290



102.4590, 3.7177, -25.8355

# Triad

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



104.1630, -4.0244, -15.9290



107.7780, 13.4204, -11.2063



110.0800, -7.9274, 22.7318

# Complementary

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



104.1630, -4.0244, -15.9290



96.8370, 4.0244, 15.9290

# 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.



110.3880, -1.6703, 22.4617



104.1630, -4.0244, -15.9290



109.7690, 10.4669, 2.8336

# Square

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



104.1630, -4.0244, -15.9290



104.8150, 13.8952, -23.5168



110.6520, 4.6086, 15.2142



108.6080, -12.1317, 17.8838



# Rectangle

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



104.1630, -4.0244, -15.9290



102.2890, 8.2385, -29.1945



110.6520, 4.6086, 15.2142



110.2480, -6.0383, 23.4615

# Sweetspot

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



104.1630, -4.0244, -15.9290



145.6140, -1.2887, -6.6775



108.7040, -11.1931, -3.2484



73.9240, -1.4415, -4.3183



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



104.1630, -4.0244, -15.9290



133.2390, -6.0338, -24.7656



105.7590, 2.0908, -17.3286



56.7500, -0.8628, -3.2887



76.4020, -16.9602, -67.0046



156.5540, -34.7831, -137.2979



# Inverse Universe

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



96.8370, 4.0244, 15.9290



121.8750, 6.4706, 24.6656



95.2410, -2.0908, 17.3286



55.2500, 0.8628, 3.2888



45.5980, 16.9602, 67.0046



93.4460, 34.7831, 137.2979



# Previews

## White Background



This preview shows how the YUV color 104.1630, -4.0244, -15.9290 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 104.1630, -4.0244, -15.9290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

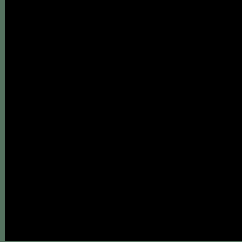
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.1630, -4.0244, -15.9290

## Background



This preview shows how black text looks on a background with the YUV color 104.1630, -4.0244, -15.9290.



This preview shows how white text looks on a background with the YUV color 104.1630, -4.0244, -15.9290.

-15.9290.

# 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

104.1630, -4.0244, -15.9290

### Protanopia

107.9700, -7.8732, 5.2883

### Deuteranopia

108.6980, -5.2741, 11.6659



**Tritanopia**

106.6330, 6.5899, -13.7101

# Trichromacy



## Original Color

104.1630, -4.0244, -15.9290

## Protanomaly

106.8550, -6.8305, -2.5038

## Deuteranomaly

107.0450, -4.9522, 1.7145

## Tritanomaly

105.5960, 2.6642, -14.5547

# Monochromacy



## Original Color

104.1630, -4.0244, -15.9290

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

103.9130, -1.4361, -6.0627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.1630, -4.0244, -15.9290 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(86, 115, 96)` looks like.

```
.text, #text, p{  
    color:rgb(86, 115, 96)  
}
```

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(86, 115, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 115, 96) }
```

## Border

The CSS property to change the border of an element to YUV 104.1630, -4.0244, -15.9290 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(86, 115, 96) }
```



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

```
.border{ border-color:rgb(86, 115, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 115, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 115, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 115, 96);  
box-shadow:4px 4px 4px 4px rgb(86, 115,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 104.1630, -4.0244, -15.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 115, 96) }
```

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

```
.background{ background-color: rgb(86, 115,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor