

# Converting Colors

YUV(96.4030, -11.0447,  
42.6196)

Have a look what the booklet for  
YUV(96.4030, -11.0447, 42.6196)  
contains.

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# Color

**YUV(96.4030, -11.0447,  
42.6196)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	914C4A
RGB	145, 76, 74
RGB Percent	57%, 30%, 29%
CMY	0.4314, 0.7020, 0.7098
CMYK	0.00, 0.48, 0.49, 0.43
HSL	2°, 32%, 43%
HSV	2°, 49%, 57%
XYZ	15.4975, 11.6830, 7.9168
YIQ	96.4030, 41.7660, 14.0060

# Conversions

## Conversions Part 2

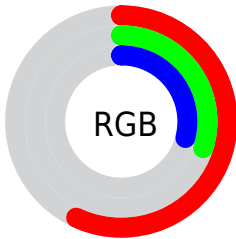
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 76, 74
Decimal	9522250
CIE Lab	40.71, 28.73, 14.30
CIE LCh	41, 32.087, 26.459
Yxy	11.6830, 0.4416, 0.3329
Android (android.graphics.Color)	4287712330 (0xFF914C4A)
YUV	96.4030, -11.0447, 42.6196
Hunter-Lab	34.1805, 21.1167, 10.1937

# Details

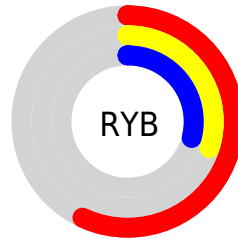
The YUV color **96.4030, -11.0447, 42.6196** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.5970, 11.0447, -42.6196**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3820, -12.5133, 47.0230**, and **47.6520, -8.7024, 38.0162** is the 20% darker color. If you saturate the color by 10%, you get **86.5890, -13.1084, 51.2264**, and if you desaturate by 10%, it is **106.3310, -8.5442, 33.9127**.

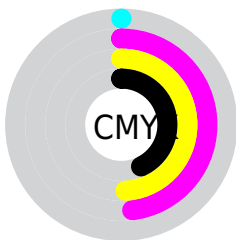
# Distribution



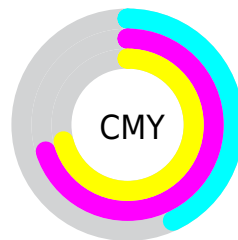
- Red (57%)
- Green (30%)
- Blue (29%)



- Red (57%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (49%)
- Black (43%)



- Cyan (43%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.4030, -11.0447, 42.6196 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 96.4030, -11.0447, 42.6196 by changing the saturation by 10% instead.



■ 96.4030, -11.0447,  
42.6196

■ 96.4030, -11.0447,  
42.6196

■ 255.0000, 0.0000,  
0.0000

■ 71.6200, -10.1657,  
40.6753

■ 148.3820,  
-12.5133, 47.0230

■ 47.6520, -8.7024,  
38.0162

■ 175.7520,  
-13.6817, 48.4525

■ 22.4670, -8.1182,  
37.3014

■ 201.8550,  
-13.2395, 46.6082

■ 12.9710, -5.9017,  
26.3354

■ 221.3690, -9.5489,  
29.4944

■ 0.0000, 0.0000,  
0.0000

■ 241.1110, -4.9847,  
12.1807

■ 96.4030, -11.0447,  
42.6196

■ 96.4030, -11.0447,  
42.6196

■ 86.5890, -13.1084,  
51.2264

■ 106.3310, -8.5442,  
33.9127

■ 76.6610, -15.6089,  
59.9333

■ 116.1450, -6.4805,  
25.3058

■ 66.8470, -17.6726,  
68.5402

■ 126.0730, -3.9800,  
16.5990

■ 56.9190, -20.1731,  
77.2470

■ 135.8870, -1.9163,  
7.9921

■ 47.1050, -22.2368,  
85.8539

■ 145.8150, 0.5842,  
-0.7148

■ 45.7030, -22.5316,  
87.0835

■ 156.2160, 2.3585,  
-9.8364

■ 166.1440, 4.8590,  
-18.5433

■ 175.9580, 6.9227,

-27.1502

■ 185.8860, 9.4232,  
-35.8570

# Harmonies

## Analogous

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



97.5950, 1.1857, 39.8202



96.4030, -11.0447, 42.6196



95.4160, -20.9111, 33.8382

# Triad

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



96.4030, -11.0447, 42.6196



87.0770, -10.3910, -27.2545



88.1300, 29.5159, -40.4560

# Complementary

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



96.4030, -11.0447, 42.6196



122.5970, 11.0447, -42.6196

# 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.



78.0680, 30.0395, -68.4656



96.4030, -11.0447, 42.6196



74.4710, 8.6418, -65.3111

# Square

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



96.4030, -11.0447, 42.6196



90.9570, -21.6708, -2.5933



77.5490, 20.4353, -68.0105



96.9390, 22.7081, -3.4545



# Rectangle

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



96.4030, -11.0447, 42.6196



94.3240, -24.8097, 24.2719



77.5490, 20.4353, -68.0105



79.0240, 33.5122, -62.2880

# Sweetspot

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



96.4030, -11.0447, 42.6196



169.2580, -4.5642, 17.3137



103.2090, 20.1100, 36.6507



82.6700, -2.7953, 9.9364



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



96.4030, -11.0447, 42.6196



112.8360, -17.6671, 66.7958



116.9480, -21.1734, 24.6016



66.0930, -1.0318, 4.3034



42.7130, -21.0575, 80.9357



2.3920, -1.1793, 4.9182



# Inverse Universe

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



122.5970, 11.0447, -42.6196



153.7510, 17.3778, -67.3106



102.0520, 21.1734, -24.6016



68.9070, 1.0318, -4.3034



92.2870, 21.0575, -80.9357



5.0210, 1.4686, -4.4034



# Previews

## White Background



This preview shows how the YUV color 96.4030, -11.0447, 42.6196 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

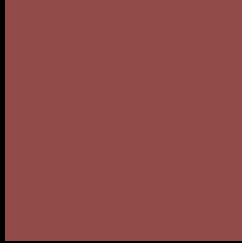
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.4030, -11.0447, 42.6196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

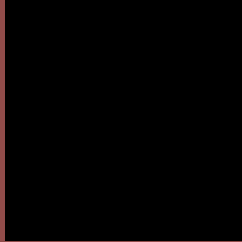
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.4030, -11.0447, 42.6196

## Background



This preview shows how black text looks on a background with the YUV color 96.4030, -11.0447, 42.6196.



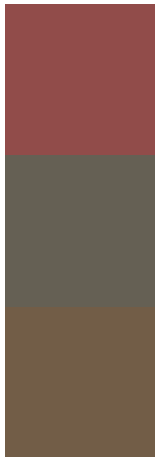
This preview shows how white text looks on a background with the YUV color 96.4030, -11.0447,



# 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

96.4030, -11.0447, 42.6196

### Protanopia

96.1270, -5.9786, 4.2736

### Deuteranopia

96.7710, -12.7051, 15.1098



## Tritanopia

96.5000, -8.1345, 42.5345

# Trichromacy



## Original Color

96.4030, -11.0447, 42.6196

## Protanomaly

96.3460, -8.0586, 18.1136

## Deuteranomaly

96.6520, -12.1534, 24.8612

## Tritanomaly

96.2720, -9.0081, 42.7345

# Monochromacy



## Original Color

96.4030, -11.0447, 42.6196

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.3610, -4.1220, 15.4694

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.4030, -11.0447, 42.6196 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(145, 76, 74)` looks like.

```
.text, #text, p{  
    color:rgb(145, 76, 74)  
}
```

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(145, 76, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 76, 74) }
```

## Border

The CSS property to change the border of an element to YUV 96.4030, -11.0447, 42.6196 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(145, 76, 74) }
```



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

```
.border{ border-color:rgb(145, 76, 74) }
```

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

Here you see how a box with a 4 pixel rgb(145, 76, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 76, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 76, 74);  
box-shadow:4px 4px 4px 4px rgb(145, 76,  
74) }
```

# Background

The CSS property to change the background color of an element to YUV 96.4030, -11.0447, 42.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 76, 74) }
```

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

```
.background{ background-color: rgb(145, 76,  
74) }
```

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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