

# Converting Colors

YUV(115.6640, -20.5404,  
8.1877)

Have a look what the booklet for  
YUV(115.6640, -20.5404, 8.1877)  
contains.

<b>YUV(115.6640, -20.5404, 8.1877)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**YUV(115.6640, -20.5404,  
8.1877)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7D774A
RGB	125, 119, 74
RGB Percent	49%, 47%, 29%
CMY	0.5098, 0.5333, 0.7098
CMYK	0.00, 0.05, 0.41, 0.51
HSL	53°, 26%, 39%
HSV	53°, 41%, 49%
XYZ	16.2903, 18.0480, 9.1036
YIQ	115.6640, 18.0210, -12.7230

# Conversions

## Conversions Part 2

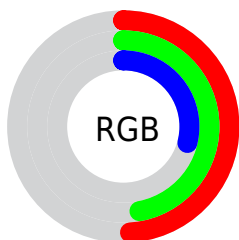
Format	Color
<a href="#">RYB</a>	<a href="#">81, 125, 74</a>
Decimal	<a href="#">8222538</a>
CIELab	<a href="#">49.55, -4.82, 25.57</a>
CIELCh	<a href="#">50, 26.022, 100.685</a>
Yxy	<a href="#">18.0480, 0.3750, 0.4155</a>
Android (android.graphics.Color)	<a href="#">4286412618</a> (0xFF7D774A)
YUV	<a href="#">115.6640, -20.5404, 8.1877</a>
Hunter-Lab	<a href="#">42.4830, -5.8985, 17.0330</a>

# Details

The YUV color **115.6640, -20.5404, 8.1877** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **83.3360, 20.5404, -8.1877**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9200, -22.1456, 9.7172**, and **67.4080, -18.9351, 6.6582** is the 20% darker color. If you saturate the color by 10%, you get **113.7090, -25.4925, 9.9022**, and if you desaturate by 10%, it is **117.7330, -15.1514, 6.3732**.

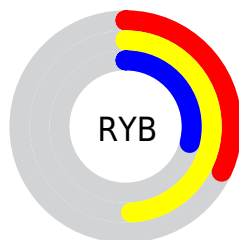
# Distribution



Red (49%)

Green (47%)

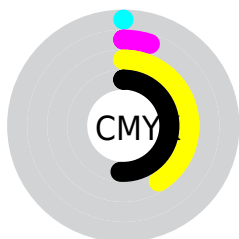
Blue (29%)



Red (32%)

Yellow (49%)

Blue (29%)

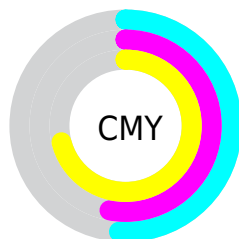


Cyan (0%)

Magenta (5%)

Yellow (41%)

Black (51%)



Cyan (51%)

Magenta (53%)


Yellow (71%)


# Brightness & Saturation

## Gradients


These gradients show how the YUV color 115.6640, -20.5404, 8.1877 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 115.6640, -20.5404, 8.1877 by changing the saturation by 10% instead.


 115.6640,  
-20.5404, 8.1877

 115.6640,  
-20.5404, 8.1877


255.0000, 0.0000,  
0.0000


 90.5930, -19.5193,  
7.3729


 167.9200,  
-22.1456, 9.7172

 67.4080, -18.9351,  
6.6582


 194.8060,  
-22.5824, 9.8171

 44.5820, -19.5139,  
5.6286

 222.9910,  
-23.1666, 10.5319

 25.1070, -12.3778,  
3.4142

 249.1860,  
-22.2767, 5.0989

 0.0000, 0.0000,  
0.0000

 252.3780,  
-10.0464, 2.2995

■ 115.6640,  
-20.5404, 8.1877

■ 115.6640,  
-20.5404, 8.1877

■ 113.7090,  
-25.4925, 9.9022

■ 117.7330,  
-15.1514, 6.3732

■ 111.0530,  
-30.5921, 12.2315

■ 120.2750,  
-10.4886, 4.1438

■ 109.0980,  
-35.5443, 13.9461

■ 122.3440, -5.0996,  
2.3293

■ 106.4420,  
-40.6439, 16.2754

■ 124.8860, -0.4368,  
0.1000

■ 104.4870,  
-45.5961, 17.9899

■ 126.9550, 4.9522,  
-1.7145

■ 101.9450,  
-50.2589, 20.2192

■ 129.4970, 9.6150,  
-3.9439

■ 131.5660, 15.0040,  
-5.7584

■ 134.1080, 19.6668,

-7.9877

■ 136.1770, 25.0557,  
-9.8022

# Harmonies

## Analogous

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



117.8770, -20.1524, 23.7869



115.6640, -20.5404, 8.1877



113.1500, -14.3710, -10.6556

# Triad

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



115.6640, -20.5404, 8.1877



103.7400, 20.8342, -55.9000



121.0710, 5.8810, 27.1247

# Complementary

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



115.6640, -20.5404, 8.1877



83.3360, 20.5404, -8.1877

# 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.



120.3660, 15.1026, 9.3260



115.6640, -20.5404, 8.1877



110.3490, 23.9849, -39.7711

# Square

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



115.6640, -20.5404, 8.1877



104.9120, 9.9034, -49.9118



116.9330, 21.7250, -14.8502



120.0800, -4.4764, 35.8868

# Rectangle

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



115.6640, -20.5404, 8.1877



110.8970, -7.3442, -24.4657



116.9330, 21.7250, -14.8502



121.2490, 9.2442, 21.7066

# Sweetspot

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



115.6640, -20.5404, 8.1877



159.6600, -7.7204, 2.9292



90.0470, -4.4602, 30.6538



79.4580, -4.6628, 2.2293



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



115.6640, -20.5404, 8.1877



148.5970, -32.3393, 12.6314



113.5050, -19.4760, -6.5819



62.6150, -2.7682, 1.2146



104.6030, -51.5693, 20.5192



0.0000, 0.0000, 0.0000



# Inverse Universe

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



83.3360, 20.5404, -8.1877



97.9900, 32.0499, -13.1462



85.4950, 19.4760, 6.5819



58.3850, 2.7682, -1.2146



23.3970, 51.5693, -20.5192



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 115.6640, -20.5404, 8.1877 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 115.6640, -20.5404, 8.1877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

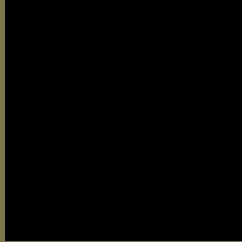
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 115.6640, -20.5404, 8.1877

## Background



This preview shows how black text looks on a background with the YUV color 115.6640, -20.5404, 8.1877.



This preview shows how white text looks on a background with the YUV color 115.6640, -20.5404,



# 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

115.6640, -20.5404, 8.1877

### Protanopia

115.9740, -20.6932, 10.5468

### Deuteranopia

117.3390, -20.8731, 21.6277



## Tritanopia

119.1090, 1.4253, 9.5514

# Trichromacy



**Original Color**  
115.6640, -20.5404, 8.1877

**Protanomaly**  
115.6750, -20.5458, 9.9320

**Deuteranomaly**  
116.7190, -20.5675, 16.9094

**Tritanomaly**  
117.7470, -6.2843, 8.9919

# Monochromacy



**Original Color**  
115.6640, -20.5404, 8.1877

**Achromatopsia**  
116.0000, 0.0000, 0.0000

**Achromatomaly**  
115.7740, -7.2836, 2.8292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.6640, -20.5404, 8.1877 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(125, 119, 74)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 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(125, 119, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 74) }
```

## Border

The CSS property to change the border of an element to YUV 115.6640, -20.5404, 8.1877 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(125, 119, 74) }
```

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

```
.border{ border-color:rgb(125, 119, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 119, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 74);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
74) }
```

# Background

The CSS property to change the background color of an element to YUV 115.6640, -20.5404, 8.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 119, 74) }
```

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

```
.background{ background-color: rgb(125,  
119, 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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