

# Converting Colors

YUV(97.8040, -12.7214,  
20.3429)

Have a look what the booklet for  
YUV(97.8040, -12.7214, 20.3429)  
contains.

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# Color

**YUV(97.8040, -12.7214,  
20.3429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	795B48
RGB	121, 91, 72
RGB Percent	47%, 36%, 28%
CMY	0.5255, 0.6431, 0.7176
CMYK	0.00, 0.25, 0.40, 0.53
HSL	23°, 25%, 38%
HSV	23°, 40%, 47%
XYZ	12.7959, 12.0150, 7.7756
YIQ	97.8040, 23.9790, 0.4510

# Conversions

## Conversions Part 2

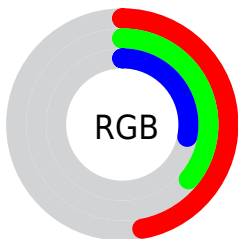
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 103, 72
Decimal	7953224
CIE Lab	41.24, 9.54, 15.71
CIE LCh	41, 18.381, 58.746
Yxy	12.0150, 0.3927, 0.3687
Android (android.graphics.Color)	4286143304 (0xFF795B48)
YUV	97.8040, -12.7214, 20.3429
Hunter-Lab	34.6627, 5.2348, 10.9638

# Details

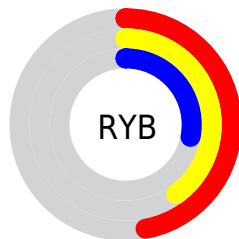
The YUV color  $97.8040, -12.7214, 20.3429$  is a dark color, and the websafe version is hex  $996666$ . A complement of this color would be  $95.1960, 12.7214, -20.3429$ , and the grayscale version is  $98.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $148.5870, -13.6004, 22.2872$ , and  $50.8360, -11.2581, 17.6838$  is the 20% darker color. If you saturate the color by 10%, you get  $92.3270, -15.9372, 25.1462$ , and if you desaturate by 10%, it is  $103.2810, -9.5055, 15.5396$ .

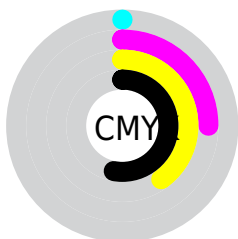
# Distribution



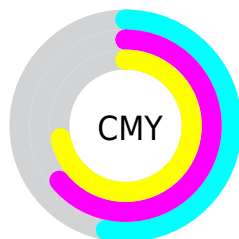
- Red (47%)
- Green (36%)
- Blue (28%)



- Red (47%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (53%)




- Cyan (53%)
- Magenta (64%)
- Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.8040, -12.7214, 20.3429 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 97.8040, -12.7214, 20.3429 by changing the saturation by 10% instead.




 97.8040, -12.7214,  
20.3429


 97.8040, -12.7214,  
20.3429


255.0000, 0.0000,  
0.0000

 73.3200, -11.9898,  
19.0134


 148.5870,  
-13.6004, 22.2872

 50.8360, -11.2581,  
17.6838


 175.6580,  
-14.6214, 23.1019

 28.7820, -12.7105,  
16.8542

 203.2560,  
-14.9162, 24.3315

 7.4750, -3.6852,  
15.3694

 229.9460,  
-14.7634, 21.9724

 0.0000, 0.0000,  
0.0000

 249.5740,  
-10.6360, 4.7586

■ 97.8040, -12.7214,  
20.3429

■ 97.8040, -12.7214,  
20.3429

■ 92.3270, -15.9372,  
25.1462

■ 103.2810, -9.5055,  
15.5396

■ 86.2630, -18.8637,  
30.4643

■ 109.3450, -6.5791,  
10.2214

■ 80.7860, -22.0795,  
35.2677

■ 114.8220, -3.3632,  
5.4181

■ 74.7220, -25.0059,  
40.5858

■ 120.8860, -0.4368,  
0.1000

■ 69.1310, -28.6586,  
45.4891

■ 126.3630, 2.7790,  
-4.7034

■ 63.7680, -31.4376,  
50.1925

■ 131.9540, 6.4317,  
-9.6067

■ 138.0180, 9.3581,  
-14.9248

■ 143.4950, 12.5740,

-19.7281

■ 149.5590, 15.5004,  
-25.0462

# Harmonies

## Analogous

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



98.5040, -7.6435, 24.9910



97.8040, -12.7214, 20.3429



96.5810, -14.5834, 10.8915

# Triad

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



97.8040, -12.7214, 20.3429



90.8070, 2.5601, -27.8947



98.9150, 12.3669, 0.0745

# Complementary

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



97.8040, -12.7214, 20.3429



95.1960, 12.7214, -20.3429

# 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.



95.6140, 15.4733, -16.3245



97.8040, -12.7214, 20.3429



89.5380, 10.5808, -33.7978

# Square

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



97.8040, -12.7214, 20.3429



92.7070, -5.7716, -15.5290



91.8250, 15.3693, -29.6645



99.8090, 6.5032, 14.1995



# Rectangle

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



97.8040, -12.7214, 20.3429



95.2810, -12.9565, 2.3846



91.8250, 15.3693, -29.6645



97.6370, 13.9830, -4.9436

# Sweetspot

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



97.8040, -12.7214, 20.3429



148.7900, -4.8265, 8.0772



90.0710, 5.8810, 27.1247



73.6370, -2.7790, 4.7034



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.



97.8040, -12.7214, 20.3429



121.6330, -20.0321, 31.8939



111.8920, -19.6668, 7.9877



57.9680, -1.4632, 2.6591



65.5510, -32.3166, 52.1368



132.8740, -65.5069, 104.4735



# Inverse Universe

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



95.1960, 12.7214, -20.3429



117.3670, 20.0321, -31.8939



81.1080, 19.6668, -7.9877



58.0320, 1.4632, -2.6591



59.4490, 32.3166, -52.1368

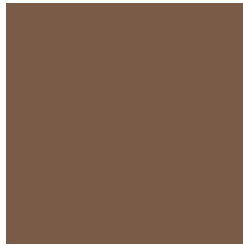


119.7130, 65.2175, -104.9883



# Previews

## White Background



This preview shows how the YUV color 97.8040, -12.7214, 20.3429 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 97.8040, -12.7214, 20.3429 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 97.8040, -12.7214, 20.3429**

## **Background**



This preview shows how black text looks on a background with the YUV color 97.8040, -12.7214, 20.3429.



This preview shows how white text looks on a background with the YUV color 97.8040, -12.7214,



# 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

97.8040, -12.7214, 20.3429

### Protanopia

96.5850, -10.6414, 6.5030

### Deuteranopia

97.1840, -12.4157, 15.6246



## Tritanopia

99.2630, -2.1017, 20.8173

# Trichromacy



## Original Color

97.8040, -12.7214, 20.3429

## Protanomaly

97.0910, -11.3839, 11.3212

## Deuteranomaly

97.1950, -12.4211, 17.3690

## Tritanomaly

98.6390, -5.7380, 20.4876

# Monochromacy



## Original Color

97.8040, -12.7214, 20.3429

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.6050, -4.2423, 7.3624

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.8040, -12.7214, 20.3429 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, 91, 72)` looks like.

```
.text, #text, p{  
    color:rgb(121, 91, 72)  
}
```

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, 91, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 91, 72) }
```

## Border

The CSS property to change the border of an element to YUV 97.8040, -12.7214, 20.3429 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, 91, 72) }
```



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

```
.border{ border-color:rgb(121, 91, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 91, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 91, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 91, 72);  
box-shadow:4px 4px 4px 4px rgb(121, 91,  
72) }
```

# Background

The CSS property to change the background color of an element to YUV 97.8040, -12.7214, 20.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 91, 72) }
```

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

```
.background{ background-color: rgb(121, 91,  
72) }
```

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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