

# Converting Colors

YUV(79.3820, -2.6533, 11.0660)

Have a look what the booklet for  
YUV(79.3820, -2.6533, 11.0660)  
contains.

<b>YUV(79.3820, -2.6533, 11.0660)</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(79.3820, -2.6533,  
11.0660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C4A4A
RGB	92, 74, 74
RGB Percent	36%, 29%, 29%
CMY	0.6392, 0.7098, 0.7098
CMYK	0.00, 0.20, 0.20, 0.64
HSL	0°, 11%, 33%
HSV	0°, 20%, 36%
XYZ	8.0984, 7.6673, 7.5317
YIQ	79.3820, 10.7280, 3.8160

# Conversions

## Conversions Part 2

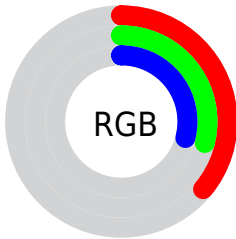
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 74, 74
Decimal	6048330
CIELab	33.28, 7.60, 2.87
CIELCh	33, 8.126, 20.655
Yxy	7.6673, 0.3476, 0.3291
Android (android.graphics.Color)	4284238410 (0xFF5C4A4A)
YUV	79.3820, -2.6533, 11.0660
Hunter-Lab	27.6899, 3.7486, 3.2560

# Details

The YUV color **79.3820, -2.6533, 11.0660** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.6180, 2.6533, -11.0660**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6810, -2.8007, 11.6808**, and **34.7840, -2.3585, 9.8364** is the 20% darker color. If you saturate the color by 10%, you get **73.0730, -3.9800, 16.5990**, and if you desaturate by 10%, it is **85.6910, -1.3267, 5.5330**.

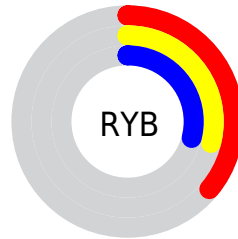
# Distribution



 Red (36%)

 Green (29%)

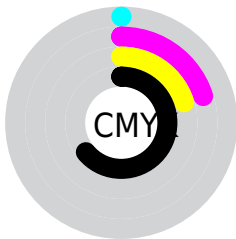
 Blue (29%)



 Red (36%)

 Yellow (29%)

 Blue (29%)

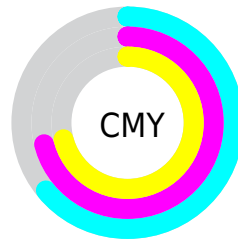


 Cyan (0%)

 Magenta (20%)

 Yellow (20%)

 Black (64%)



 Cyan (64%)

 Magenta (71%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.3820, -2.6533, 11.0660 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 79.3820, -2.6533, 11.0660 by changing the saturation by 10% instead.



■ 79.3820, -2.6533,  
11.0660

■ 79.3820, -2.6533,  
11.0660

255.0000, 0.0000,  
0.0000

■ 56.0830, -2.5059,  
10.4512

■ 128.6810, -2.8007,  
11.6808

■ 34.7840, -2.3585,  
9.8364

■ 154.2790, -3.0955,  
12.9103

■ 12.1650, -3.5323,  
13.0103

■ 181.2790, -3.0955,  
12.9103

■ 0.0000, 0.0000,  
0.0000

■ 209.1650, -3.5323,  
13.0103

■ 237.4640, -3.6798,  
13.6251

■ 79.3820, -2.6533,  
11.0660

■ 79.3820, -2.6533,  
11.0660

■ 73.0730, -3.9800,  
16.5990

■ 85.6910, -1.3267,  
5.5330

■ 66.7640, -5.3067,  
22.1320

■ 92.0000, 0.0000,  
0.0000

■ 59.7540, -6.7807,  
28.2797

■ 99.0100, 1.4741,  
-6.1478

■ 53.4450, -8.1074,  
33.8127

■ 105.3190, 2.8007,  
-11.6808

■ 47.1360, -9.4340,  
39.3457

■ 111.6280, 4.1274,  
-17.2138

■ 40.8270, -10.7607,  
44.8787

■ 117.9370, 5.4541,  
-22.7467

■ 34.5180, -12.0874,  
50.4117

■ 124.2460, 6.7807,  
-28.2797

■ 27.5080, -13.5614,

■ 131.2560, 8.2548,

56.5595

-34.4275

■ 137.5650, 9.5815,  
-39.9605

# Harmonies

## Analogous

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



79.5820, 0.6991, 9.1366



79.3820, -2.6533, 11.0660



78.8010, -4.8319, 9.8215

# Triad

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



79.3820, -2.6533, 11.0660



76.7560, -3.3307, -5.0480



77.3780, 6.7156, -7.3475

# Complementary

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



79.3820, -2.6533, 11.0660



86.6180, 2.6533, -11.0660

# 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.



76.4160, 5.7109, -11.7658



79.3820, -2.6533, 11.0660



76.2330, -0.1149, -9.8513

# Square

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



79.3820, -2.6533, 11.0660



77.5180, -5.6784, 1.2997



76.1340, 3.3849, -12.3955



78.4820, 5.6784, -1.2997



# Rectangle

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



79.3820, -2.6533, 11.0660



78.1490, -5.9895, 7.7623



76.1340, 3.3849, -12.3955



77.2530, 6.2843, -8.9919

# Sweetspot

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



79.3820, -2.6533, 11.0660



115.0930, -1.0318, 4.3034



81.4340, 5.2090, 9.2664



58.1960, -0.5896, 2.4591



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



79.3820, -2.6533, 11.0660



100.3720, -4.1274, 17.2138



84.6650, -5.2578, 6.4328



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021



# Inverse Universe

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



86.6180, 2.6533, -11.0660



111.6280, 4.1274, -17.2138



81.3350, 5.2578, -6.4328



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021



# Previews

## White Background



This preview shows how the YUV color 79.3820, -2.6533, 11.0660 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 ✓ Pass



# Black Background



This preview shows how the YUV color 79.3820, -2.6533, 11.0660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

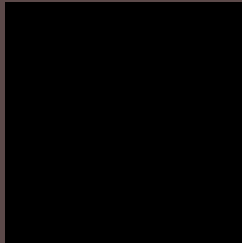
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 79.3820, -2.6533, 11.0660**

## **Background**



This preview shows how black text looks on a background with the YUV color 79.3820, -2.6533, 11.0660.



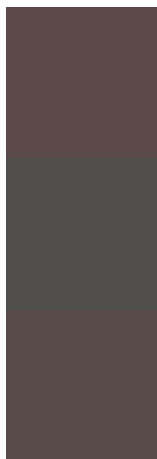
This preview shows how white text looks on a background with the YUV color 79.3820, -2.6533,



# 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

79.3820, -2.6533, 11.0660

### Protanopia

78.3700, -1.1684, 1.4295

### Deuteranopia

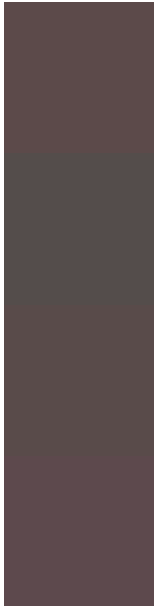
79.3600, -2.6425, 7.5773



## Tritanopia

79.6640, -0.3274, 11.6957

# Trichromacy



## Original Color

79.3820, -2.6533, 11.0660

## Protanomaly

78.8650, -1.9054, 4.5034

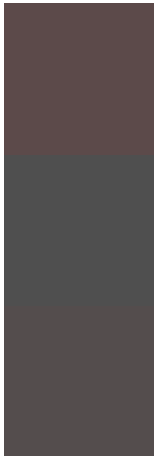
## Deuteranomaly

79.0720, -2.5005, 8.7069

## Tritanomaly

79.4360, -1.2009, 11.8956

# Monochromacy



## Original Color

79.3820, -2.6533, 11.0660

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.0930, -1.0318, 4.3034

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.3820, -2.6533, 11.0660 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(92, 74, 74)` looks like.

```
.text, #text, p{  
    color:rgb(92, 74, 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(92, 74, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 74, 74) }
```

## Border

The CSS property to change the border of an element to YUV 79.3820, -2.6533, 11.0660 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(92, 74, 74) }
```



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

```
.border{ border-color:rgb(92, 74, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 74, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 74, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 74, 74);  
box-shadow:4px 4px 4px 4px rgb(92, 74, 74)  
}
```

# Background

The CSS property to change the background color of an element to YUV 79.3820, -2.6533, 11.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 74, 74) }
```

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

```
.background{ background-color: rgb(92, 74,  
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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