

# Converting Colors

YUV(79.2540, -28.7192,  
18.1942)

Have a look what the booklet for  
YUV(79.2540, -28.7192, 18.1942)  
contains.

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# Color

**YUV(79.2540, -28.7192,  
18.1942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645015
RGB	100, 80, 21
RGB Percent	39%, 31%, 8%
CMY	0.6078, 0.6863, 0.9176
CMYK	0.00, 0.20, 0.79, 0.61
HSL	45°, 65%, 24%
HSV	45°, 79%, 39%
XYZ	8.2595, 8.5008, 1.9150
YIQ	79.2540, 30.8590, -14.1090

# Conversions

## Conversions Part 2

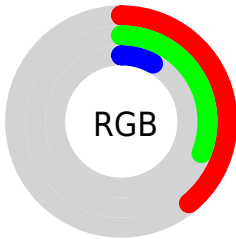
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 100, 21
Decimal	6574101
CIE <sub>Lab</sub>	35.00, 1.62, 35.93
CIE <sub>LCh</sub>	35, 35.965, 87.420
Yxy	8.5008, 0.4423, 0.4552
Android (android.graphics.Color)	4284764181 (0xFF645015)
YUV	79.2540, -28.7192, 18.1942
Hunter-Lab	29.1561, -0.4565, 16.5151

# Details

The YUV color **79.2540, -28.7192, 18.1942** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.7460, 28.7192, -18.1942**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5210, -30.3299, 21.4681**, and **36.0820, -17.7884, 12.2061** is the 20% darker color. If you saturate the color by 10%, you get **76.3530, -32.2190, 20.7384**, and if you desaturate by 10%, it is **82.1550, -25.2194, 15.6501**.

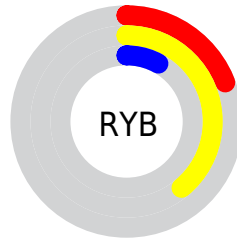
# Distribution



Red (39%)

Green (31%)

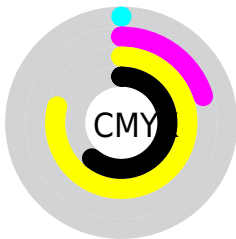
Blue (8%)



Red (19%)

Yellow (39%)

Blue (8%)

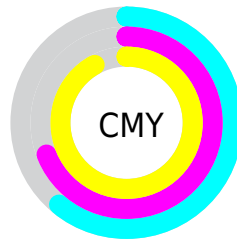


Cyan (0%)

Magenta (20%)

Yellow (79%)

Black (61%)



Cyan (61%)

Magenta (69%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.2540, -28.7192, 18.1942 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 79.2540, -28.7192, 18.1942 by changing the saturation by 10% instead.



■ 79.2540, -28.7192,  
18.1942

■ 79.2540, -28.7192,  
18.1942

■ 255.0000, 0.0000,  
0.0000

■ 55.8840, -27.5508,  
16.7647

■ 129.5210,  
-30.3299, 21.4681

■ 36.0820, -17.7884,  
12.2061

■ 155.7060,  
-30.9141, 22.1828

■ 16.2800, -8.0260,  
7.6474

■ 183.0760,  
-32.0825, 23.6123

■ 0.0000, 0.0000,  
0.0000

■ 210.5600,  
-32.8141, 24.9419

■ 234.8580,  
-31.4820, 17.6645

■ 248.6160,

-24.4607, 5.5988

251.8080,  
-12.2303, 2.7994

79.2540, -28.7192,  
18.1942

79.2540, -28.7192,  
18.1942

76.3530, -32.2190,  
20.7384

82.1550, -25.2194,  
15.6501

74.0390, -36.0082,  
22.7678

84.4690, -21.4302,  
13.6207

73.9250, -36.4450,  
22.8678

87.3700, -17.9304,  
11.0765

89.6840, -14.1412,  
9.0471

92.5850, -10.6414,  
6.5030

■ 94.8990, -6.8522,  
4.4736

■ 97.8000, -3.3524,  
1.9294

■ 100.1140, 0.4368,  
-0.1000

■ 103.0150, 3.9366,  
-2.6442

# Harmonies

## Analogous

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



80.8570, -23.1005, 36.0824



79.2540, -28.7192, 18.1942



76.3760, -23.8494, -3.8378

# Triad

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



79.2540, -28.7192, 18.1942



68.6640, 19.3926, -60.2183



84.9490, 14.3221, 26.3547

# Complementary

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



79.2540, -28.7192, 18.1942



41.7460, 28.7192, -18.1942

# 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.



83.3950, 24.4553, -3.8544



79.2540, -28.7192, 18.1942



69.4110, 29.8704, -60.8734

# Square

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



79.2540, -28.7192, 18.1942



65.3580, 6.7255, -57.3190



66.4420, 36.2641, -58.2696



83.0300, 1.4642, 43.8237



# Rectangle

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



79.2540, -28.7192, 18.1942



73.1440, -15.3540, -22.0513



66.4420, 36.2641, -58.2696



85.1050, 17.6962, 17.4479

# Sweetspot

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



79.2540, -28.7192, 18.1942



121.7700, -11.2256, 7.2177



47.0150, -2.4724, 46.4678



60.8990, -6.8522, 4.4736



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



79.2540, -28.7192, 18.1942



97.7810, -44.7550, 28.2561



85.6120, -31.8537, -3.1677



49.8430, -1.8946, 1.0147



84.8670, -41.8394, 26.4266



178.6050, -88.0523, 55.5974



# Inverse Universe

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



41.7460, 28.7192, -18.1942



39.2190, 44.7550, -28.2561



35.3880, 31.8537, 3.1677



47.1570, 1.8946, -1.0147



30.1330, 41.8394, -26.4266



63.3950, 88.0523, -55.5974



# Previews

## White Background



This preview shows how the YUV color 79.2540, -28.7192, 18.1942 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 79.2540, -28.7192, 18.1942 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 79.2540, -28.7192, 18.1942

## Background



This preview shows how black text looks on a background with the YUV color 79.2540, -28.7192, 18.1942.



This preview shows how white text looks on a background with the YUV color 79.2540, -28.7192,



# 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

79.2540, -28.7192, 18.1942

### Protanopia

79.0360, -28.1187, 12.2464

### Deuteranopia

79.3900, -28.2933, 21.5830



## Tritanopia

84.2410, -2.0908, 17.3286

# Trichromacy



## Original Color

79.2540, -28.7192, 18.1942

## Protanomaly

79.3460, -28.2716, 14.6056

## Deuteranomaly

79.6780, -28.4353, 20.4534

## Tritanomaly

82.7220, -11.6949, 17.7838

# Monochromacy



## Original Color

79.2540, -28.7192, 18.1942

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

78.9980, -10.3520, 7.0178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.2540, -28.7192, 18.1942 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(100, 80, 21)` looks like.

```
.text, #text, p{  
    color:rgb(100, 80, 21)  
}
```

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(100, 80, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 80, 21) }
```

## Border

The CSS property to change the border of an element to YUV 79.2540, -28.7192, 18.1942 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(100, 80, 21) }
```



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

```
.border{ border-color:rgb(100, 80, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 80, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 80, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 80, 21);  
box-shadow:4px 4px 4px 4px rgb(100, 80,  
21) }
```

# Background

The CSS property to change the background color of an element to YUV 79.2540, -28.7192, 18.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 80, 21) }
```

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

```
.background{ background-color: rgb(100, 80,  
21) }
```

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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