

# Converting Colors

YUV(79.7310, -2.3324, -45.3681)

Have a look what the booklet for  
YUV(79.7310, -2.3324, -45.3681)  
contains.

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# Color

**YUV(79.7310, -2.3324,  
-45.3681)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C6B4B
RGB	28, 107, 75
RGB Percent	11%, 42%, 29%
CMY	0.8902, 0.5804, 0.7059
CMYK	0.74, 0.00, 0.30, 0.58
HSL	156°, 59%, 26%
HSV	156°, 74%, 42%
XYZ	7.0066, 11.2703, 8.4627
YIQ	79.7310, -36.8120, -26.7000

# Conversions

## Conversions Part 2

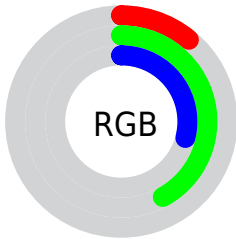
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 78, 107
Decimal	1862475
CIE <sub>Lab</sub>	40.03, -31.87, 11.26
CIE <sub>LCh</sub>	40, 33.797, 160.548
Yxy	11.2703, 0.2620, 0.4215
Android (android.graphics.Color)	4280052555 (0xFF1C6B4B)
YUV	79.7310, -2.3324, -45.3681
Hunter-Lab	33.5712, -21.4952, 8.5539

# Details

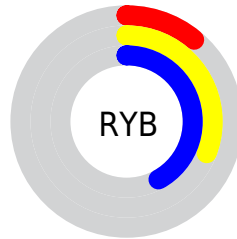
The YUV color **79.7310, -2.3324, -45.3681** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **55.2690, 2.3324, 45.3681**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5850, -4.2324, -42.6090**, and **38.1670, -3.5333, -33.4725** is the 20% darker color. If you saturate the color by 10%, you get **75.9860, -2.4581, -51.7307**, and if you desaturate by 10%, it is **83.4760, -2.2067, -39.0055**.

# Distribution



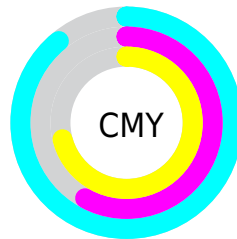
- Red (11%)
- Green (42%)
- Blue (29%)



- Red (11%)
- Yellow (31%)
- Blue (42%)



- Cyan (74%)
- Magenta (0%)
- Yellow (30%)
- Black (58%)



- Cyan (89%)
- Magenta (58%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.7310, -2.3324, -45.3681 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 79.7310, -2.3324, -45.3681 by changing the saturation by 10% instead.



■ 79.7310, -2.3324,  
-45.3681

■ 79.7310, -2.3324,  
-45.3681

255.0000, 0.0000,  
0.0000

■ 54.0620, -1.0166,  
-47.4124

■ 132.5850, -4.2324,  
-42.6090

■ 38.1670, -3.5333,  
-33.4725

■ 159.4710, -4.6692,  
-42.5091

■ 22.6310, -7.2131,  
-19.8474

■ 186.9440, -5.3954,  
-42.9239

■ 0.0000, 0.0000,  
0.0000

■ 215.2320, -5.5374,  
-44.0535

■ 233.8400, -0.9071,  
-35.8167

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,  
-2.4591

79.7310, -2.3324,  
-45.3681

79.7310, -2.3324,  
-45.3681

75.9860, -2.4581,  
-51.7307

83.4760, -2.2067,  
-39.0055

72.4260, -3.1680,  
-57.3786

87.0360, -1.4967,  
-33.3576

70.1050, -3.0098,  
-61.4821

90.7810, -1.3710,  
-26.9949

94.5260, -1.2453,  
-20.6323

98.3850, -0.6828,  
-14.3696

■ 101.8310, -0.4097,  
-8.6218

■ 105.5760, -0.2840,  
-2.2592

■ 109.4350, 0.2785,  
4.0035

■ 112.8810, 0.5517,  
9.7514

# Harmonies

## Analogous

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



87.5040, -17.9965, -14.4740



79.7310, -2.3324, -45.3681



75.2520, 14.1728, -65.9960

# Triad

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



79.7310, -2.3324, -45.3681



91.4850, 27.8619, -23.2273



93.9100, -16.7176, 42.1749

# Complementary

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



79.7310, -2.3324, -45.3681



55.2690, 2.3324, 45.3681

# 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.



95.1350, -4.5036, 44.6086



79.7310, -2.3324, -45.3681



96.8160, 19.3177, 10.6854

# Square

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



79.7310, -2.3324, -45.3681



76.5180, 34.2546, -67.1063



96.9840, 7.8959, 34.2170



92.6450, -24.9680, 28.3753



# Rectangle

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



79.7310, -2.3324, -45.3681



77.3040, 22.0351, -67.7956



96.9840, 7.8959, 34.2170



94.5450, -13.0867, 44.2490

# Sweetspot

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



79.7310, -2.3324, -45.3681



129.3630, -0.6720, -17.8584



84.2400, -27.7263, -20.3815



64.8200, -0.4043, -10.3661



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



79.7310, -2.3324, -45.3681



96.9250, -3.4140, -71.8482



79.2700, 13.6709, -44.9638



51.8640, -0.4260, -3.3887



76.6590, -3.2829, -67.2299



160.4590, -7.1283, -140.7225



# Inverse Universe

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



55.2690, 2.3324, 45.3681



58.1890, 3.8508, 71.7482



55.7300, -13.6709, 44.9638



50.0220, -0.0108, 3.4887



40.4550, 3.7197, 67.1300



84.5410, 7.1283, 140.7225



# Previews

## White Background



This preview shows how the YUV color 79.7310, -2.3324, -45.3681 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 79.7310, -2.3324, -45.3681 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 79.7310, -2.3324, -45.3681

## Background



This preview shows how black text looks on a background with the YUV color 79.7310, -2.3324, -45.3681.



This preview shows how white text looks on a background with the YUV color 79.7310, -2.3324,

-45.3681.

# 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

79.7310, -2.3324, -45.3681

### Protanopia

93.2430, -11.9518, 6.8029

### Deuteranopia

94.1280, -7.4581, 12.1657



## Tritanopia

85.6840, 12.4808, -36.5569

# Trichromacy



## Original Color

79.7310, -2.3324, -45.3681

## Protanomaly

88.3330, -8.5452, -12.5700

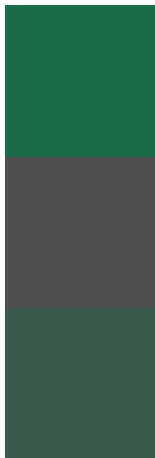
## Deuteranomaly

88.8650, -5.3564, -8.6516

## Tritanomaly

83.5820, 7.1081, -39.9754

# Monochromacy



## Original Color

79.7310, -2.3324, -45.3681

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

79.9610, -0.9668, -16.6288

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.7310, -2.3324, -45.3681 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(28, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(28, 107, 75)  
}
```

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(28, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 107, 75) }
```

## Border

The CSS property to change the border of an element to YUV 79.7310, -2.3324, -45.3681 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(28, 107, 75) }
```



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

```
.border{ border-color:rgb(28, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(28, 107,  
75) }
```

# Background

The CSS property to change the background color of an element to YUV 79.7310, -2.3324, -45.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 107, 75) }
```

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

```
.background{ background-color: rgb(28, 107,  
75) }
```

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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