

# Converting Colors

YUV(75.5280, -14.5573,  
-44.3131)

Have a look what the booklet for  
YUV(75.5280, -14.5573, -44.3131)  
contains.

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# Color

**YUV(75.5280, -14.5573,  
-44.3131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	196B2E
RGB	25, 107, 46
RGB Percent	10%, 42%, 18%
CMY	0.9020, 0.5804, 0.8196
CMYK	0.77, 0.00, 0.57, 0.58
HSL	135°, 62%, 26%
HSV	135°, 77%, 42%
XYZ	6.1517, 10.9193, 4.3682
YIQ	75.5280, -29.2910, -36.3550

# Conversions

## Conversions Part 2

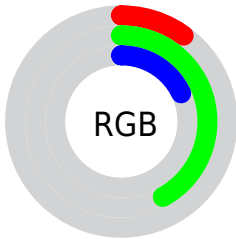
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 90, 107
Decimal	1665838
CIE <sub>Lab</sub>	39.44, -38.23, 27.13
CIE <sub>LCh</sub>	39, 46.879, 144.644
Yxy	10.9193, 0.2869, 0.5093
Android (android.graphics.Color)	4279855918 (0xFF196B2E)
YUV	75.5280, -14.5573, -44.3131
Hunter-Lab	33.0444, -24.5971, 15.2935

# Details

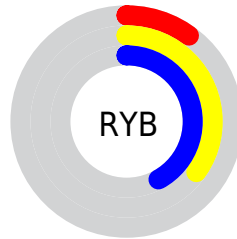
The YUV color **75.5280, -14.5573, -44.3131** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **56.4720, 14.5573, 44.3131**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5670, -17.0415, -40.8393**, and **34.0460, -16.7847, -29.8583** is the 20% darker color. If you saturate the color by 10%, you get **71.3270, -16.4302, -50.2758**, and if you desaturate by 10%, it is **79.7290, -12.6844, -38.3503**.

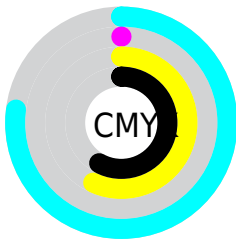
# Distribution



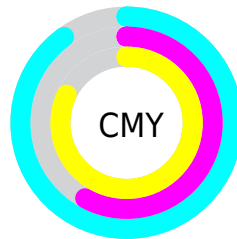
- Red (10%)
- Green (42%)
- Blue (18%)



- Red (10%)
- Yellow (35%)
- Blue (42%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (58%)



- Cyan (90%)
- Magenta (58%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.5280, -14.5573, -44.3131 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 75.5280, -14.5573, -44.3131 by changing the saturation by 10% instead.



■ 75.5280, -14.5573,  
-44.3131

■ 75.5280, -14.5573,  
-44.3131

255.0000, 0.0000,  
0.0000

■ 50.7560, -13.6837,  
-44.5130

■ 128.5670,  
-17.0415, -40.8393

■ 34.0460, -16.7847,  
-29.8583

■ 155.9260,  
-18.2045, -41.1541

■ 22.3060, -10.9969,  
-19.5624

■ 183.3990,  
-18.9307, -41.5689

■ 0.0000, 0.0000,  
0.0000

■ 211.1710,  
-19.8043, -41.3690

■ 229.7790,  
-15.1740, -33.1322

■ 241.6420, -7.2185,

-18.1030

253.5050, 0.7370,  
-3.0739

75.5280, -14.5573,  
-44.3131

75.5280, -14.5573,  
-44.3131

71.3270, -16.4302,  
-50.2758

79.7290, -12.6844,  
-38.3503

67.4250, -18.4505,  
-55.6237

83.6310, -10.6641,  
-33.0024

65.8870, -19.1713,  
-57.7829

87.8320, -8.7912,  
-27.0397

92.0330, -6.9183,  
-21.0769

95.9350, -4.8980,  
-15.7290

■ 100.1360, -3.0250,  
-9.7663

■ 104.3370, -1.1521,  
-3.8035

■ 108.5380, 0.7208,  
2.1592

■ 112.4400, 2.7411,  
7.5071

# Harmonies

## Analogous

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



84.2870, -35.6375, -2.8827



75.5280, -14.5573, -44.3131



74.2600, 5.2948, -65.1260

# Triad

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



75.5280, -14.5573, -44.3131



77.3790, 45.1692, -67.8614



89.0680, -12.8515, 62.2074

# Complementary

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



75.5280, -14.5573, -44.3131



56.4720, 14.5573, 44.3131

# 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.



90.7420, 5.0572, 58.1083



75.5280, -14.5573, -44.3131



92.6850, 34.6653, -12.0017

# Square

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



75.5280, -14.5573, -44.3131



80.4790, 36.7389, -70.5801



95.1160, 21.1418, 32.3473



89.6260, -29.3956, 48.5630



# Rectangle

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



75.5280, -14.5573, -44.3131



77.8110, 16.3622, -68.2402



95.1160, 21.1418, 32.3473



89.0880, -6.4524, 63.0668

# Sweetspot

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



75.5280, -14.5573, -44.3131



127.6960, -5.7661, -17.2734



91.3730, -32.7219, -4.7121



63.4240, -3.1670, -10.8958



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.



75.5280, -14.5573, -44.3131



90.4850, -22.9171, -69.7083



80.0880, 2.9146, -48.3122



51.7500, -0.8628, -3.2887



72.0990, -20.7548, -63.2308



150.9970, -43.3825, -132.4244



# Inverse Universe

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



56.4720, 14.5573, 44.3131



60.5150, 22.9171, 69.7083



51.9120, -2.9146, 48.3122



50.2500, 0.8628, 3.2887



44.9010, 20.7548, 63.2308



94.0030, 43.3825, 132.4244



# Previews

## White Background



This preview shows how the YUV color 75.5280, -14.5573, -44.3131 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

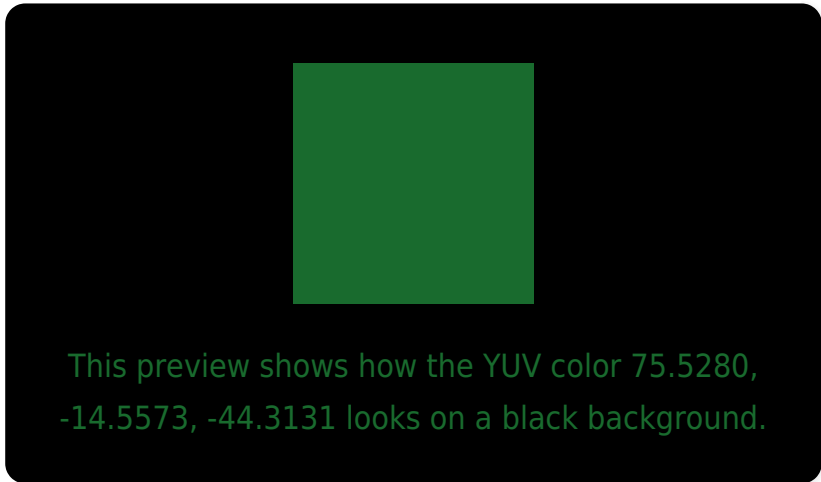
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

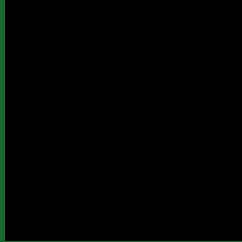
Any Text WCAG AA × Fail

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 75.5280, -14.5573, -44.3131 Background



This preview shows how black text looks on a background with the YUV color 75.5280, -14.5573, -44.3131.



This preview shows how white text looks on a background with the YUV color 75.5280, -14.5573, -44.3131.



# 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

75.5280, -14.5573, -44.3131

### Protanopia

90.0620, -24.1876, 11.3466

### Deuteranopia

91.2570, -19.8467, 19.0686



## Tritanopia

85.4780, 11.5963, -32.8682

# Trichromacy



## Original Color

75.5280, -14.5573, -44.3131

## Protanomaly

84.8530, -20.6335, -8.6411

## Deuteranomaly

85.5700, -18.0290, -4.0079

## Tritanomaly

82.2250, 1.8611, -37.0313

# Monochromacy



## Original Color

75.5280, -14.5573, -44.3131

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.5220, -5.1873, -16.2438

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.5280, -14.5573, -44.3131 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(25, 107, 46)` looks like.

```
.text, #text, p{  
    color:rgb(25, 107, 46)  
}
```

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(25, 107, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 107, 46) }
```

## Border

The CSS property to change the border of an element to YUV 75.5280, -14.5573, -44.3131 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(25, 107, 46) }
```



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

```
.border{ border-color:rgb(25, 107, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 107, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 107, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 107, 46);  
box-shadow:4px 4px 4px 4px rgb(25, 107,  
46) }
```

# Background

The CSS property to change the background color of an element to YUV 75.5280, -14.5573, -44.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 107, 46) }
```

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

```
.background{ background-color: rgb(25, 107,  
46) }
```

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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