

# Converting Colors

YUV(86.0080, -42.4019,  
20.1640)

Have a look what the booklet for  
YUV(86.0080, -42.4019, 20.1640)  
contains.

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# Color

**YUV(86.0080, -42.4019,  
20.1640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D5B00
RGB	109, 91, 0
RGB Percent	43%, 36%, 0%
CMY	0.5725, 0.6431, 1.0000
CMYK	0.00, 0.17, 1.00, 0.57
HSL	50°, 100%, 21%
HSV	50°, 100%, 43%
XYZ	10.0478, 10.7334, 1.5422
YIQ	86.0080, 39.9390, -24.4850

# Conversions

## Conversions Part 2

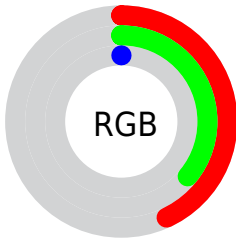
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 109, 0
Decimal	7166720
CIE Lab	39.13, -1.20, 46.66
CIE LCh	39, 46.673, 91.475
Yxy	10.7334, 0.4501, 0.4808
Android (android.graphics.Color)	4285356800 (0xFF6D5B00)
YUV	86.0080, -42.4019, 20.1640
Hunter-Lab	32.7618, -2.5889, 20.1424

# Details

The YUV color **86.0080, -42.4019, 20.1640** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22.9920, 42.4019, -20.1640**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3010, -40.0814, 22.5380**, and **44.0450, -21.7142, 11.3615** is the 20% darker color. If you saturate the color by 10%, you get **86.0080, -42.4019, 20.1640**, and if you desaturate by 10%, it is **88.4360, -38.1759, 18.0346**.

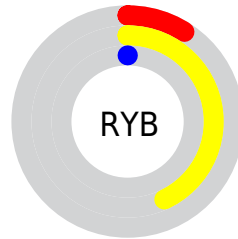
# Distribution



Red (43%)

Green (36%)

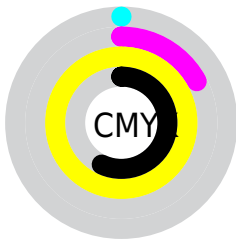
Blue (0%)



Red (9%)

Yellow (43%)

Blue (0%)

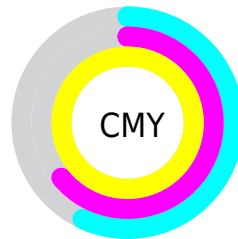


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.0080, -42.4019, 20.1640 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 86.0080, -42.4019, 20.1640 by changing the saturation by 10% instead.



86.0080, -42.4019,  
20.1640

86.0080, -42.4019,  
20.1640

253.8600, -4.3680,  
0.9998

64.7330, -31.9134,  
16.0202

138.3010,  
-40.0814, 22.5380

44.0450, -21.7142,  
11.3615

164.7850,  
-40.8130, 23.8676

24.2430, -11.9518,  
6.8029

192.2690,  
-41.5446, 25.1971


0.0000, 0.0000,  
0.0000


220.6390,  
-42.7130, 26.6266


241.3490,  
-39.6121, 11.9719


247.3620,


-29.2655, 6.6985


 250.6680,  
-16.5983, 3.7992


 86.0080, -42.4019,  
20.1640

 88.4360, -38.1759,  
18.0346

 90.8640, -33.9500,  
15.9053

 92.7050, -29.4346,  
14.2907

 95.1330, -25.2086,  
12.1614

 97.5610, -20.9826,  
10.0320

■ 99.8750, -17.1934,  
8.0026

■ 102.3030,  
-12.9674, 5.8733

■ 104.1440, -8.4520,  
4.2587

■ 106.5720, -4.2260,  
2.1294

# Harmonies

## Analogous

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



88.6810, -32.8737, 44.1298



86.0080, -42.4019, 20.1640



82.6820, -31.3952, -10.2451

# Triad

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



86.0080, -42.4019, 20.1640



78.9170, 25.6769, -69.2102



93.8350, 17.3363, 39.6097

# Complementary

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



86.0080, -42.4019, 20.1640



22.9920, 42.4019, -20.1640

# 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.



93.5510, 31.2804, 0.3938



86.0080, -42.4019, 20.1640



79.7610, 39.0648, -69.9504

# Square

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



86.0080, -42.4019, 20.1640



75.1720, 8.7892, -65.9258



75.5040, 45.6005, -66.2170



89.7270, 1.1206, 60.7524



# Rectangle

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



86.0080, -42.4019, 20.1640



77.1760, -17.3418, -37.8654



75.5040, 45.6005, -66.2170



94.4360, 22.4631, 28.5586

# Sweetspot

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



86.0080, -42.4019, 20.1640



133.9890, -16.7566, 7.9026



34.6430, -8.2050, 65.2111



65.8020, -9.7624, 4.5586



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.



86.0080, -42.4019, 20.1640



112.6100, -55.5167, 26.6520



85.8100, -42.3043, -11.2344



52.7290, -2.3314, 1.1147



92.5090, -45.6069, 21.4786



193.0030, -95.1505, 45.6014



# Inverse Universe

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



22.9920, 42.4019, -20.1640



30.3900, 55.5167, -26.6520



23.1900, 42.3043, 11.2344



49.2710, 2.3314, -1.1147



24.4910, 45.6069, -21.4786

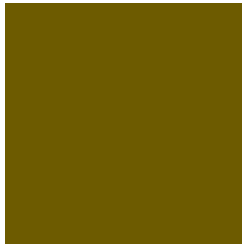


51.4100, 95.4399, -45.0866



# Previews

## White Background



This preview shows how the YUV color 86.0080, -42.4019, 20.1640 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 86.0080, -42.4019, 20.1640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

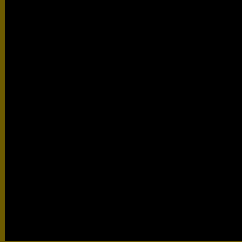
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 86.0080, -42.4019, 20.1640

## Background



This preview shows how black text looks on a background with the YUV color 86.0080, -42.4019, 20.1640.



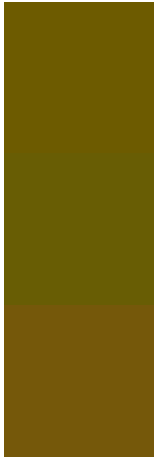
This preview shows how white text looks on a background with the YUV color 86.0080, -42.4019,



# 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

86.0080, -42.4019, 20.1640

### Protanopia

86.1430, -40.4965, 15.6606

### Deuteranopia

87.7790, -38.3450, 25.6268



## Tritanopia

94.3550, -1.6540, 17.2287

# Trichromacy



## Original Color

86.0080, -42.4019, 20.1640

## Protanomaly

86.0400, -40.9387, 17.5049

## Deuteranomaly

87.0130, -39.9394, 23.6676

## Tritanomaly

91.1690, -16.3523, 18.2688

# Monochromacy



## Original Color

86.0080, -42.4019, 20.1640

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

86.0320, -15.2988, 6.9879

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.0080, -42.4019, 20.1640 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(109, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 91, 0)  
}
```

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(109, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 91, 0) }
```

## Border

The CSS property to change the border of an element to YUV 86.0080, -42.4019, 20.1640 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(109, 91, 0) }
```



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

```
.border{ border-color:rgb(109, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(109, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 91, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 86.0080, -42.4019, 20.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 91, 0) }
```

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

```
.background{ background-color: rgb(109, 91,  
0) }
```

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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