

# Converting Colors

YUV(142.3860, 41.7147,  
13.6935)

Have a look what the booklet for  
YUV(142.3860, 41.7147, 13.6935)  
contains.

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# Color

**YUV(142.3860, 41.7147,  
13.6935)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E76E3
RGB	158, 118, 227
RGB Percent	62%, 46%, 89%
CMY	0.3804, 0.5373, 0.1098
CMYK	0.30, 0.48, 0.00, 0.11
HSL	262°, 66%, 68%
HSV	262°, 48%, 89%
XYZ	34.4441, 25.7720, 75.8321
YIQ	142.3860, -11.1490, 42.3790

# Conversions

## Conversions Part 2

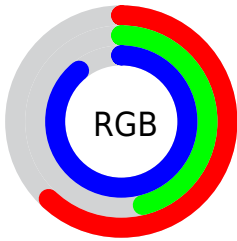
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 118, 227
Decimal	10385123
CIE <sub>Lab</sub>	57.82, 38.29, -50.00
CIE <sub>LCh</sub>	58, 62.978, 307.439
Yxy	25.7720, 0.2532, 0.1894
Android (android.graphics.Color)	4288575203 (0xFF9E76E3)
YUV	142.3860, 41.7147, 13.6935
Hunter-Lab	50.7661, 32.2690, -53.0284

# Details

The YUV color **142.3860, 41.7147, 13.6935** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **202.6140, -41.7147, -13.6935**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7320, 30.2051, 18.6520**, and **90.2070, 39.8309, 11.2195** is the 20% darker color. If you saturate the color by 10%, you get **124.6990, 50.4344, 16.9270**, and if you desaturate by 10%, it is **160.0730, 32.9950, 10.4600**.

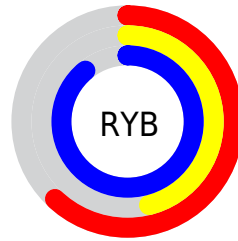
# Distribution



Red (62%)

Green (46%)

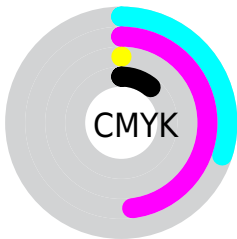
Blue (89%)



Red (62%)

Yellow (46%)

Blue (89%)

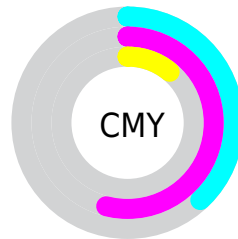


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (54%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.3860, 41.7147, 13.6935 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 142.3860, 41.7147, 13.6935 by changing the saturation by 10% instead.



■ 142.3860, 41.7147,  
13.6935

■ 142.3860, 41.7147,  
13.6935

255.0000, 0.0000,  
0.0000

■ 116.1470, 40.8465,  
12.1491

■ 193.7320, 30.2051,  
18.6520

■ 90.2070, 39.8309,  
11.2195

■ 218.8390, 17.8274,  
22.0662

■ 65.5550, 38.6734,  
9.1603

■ 238.5640, 8.1029,  
14.4144

■ 40.1310, 38.3894,  
6.9011

■ 14.6740, 38.1217,  
-0.5911

■ 7.7520, 29.7023,  
-6.7985

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,  
-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 142.3860, 41.7147,  
13.6935

■ 142.3860, 41.7147,  
13.6935

■ 124.6990, 50.4344,  
16.9270

■ 160.0730, 32.9950,  
10.4600

■ 107.3000, 59.0121,  
19.0309

■ 177.4720, 24.4173,  
8.3561

■ 89.6130, 67.7318,  
22.2644

■ 195.1590, 15.6976,  
5.1226

■ 71.9260, 76.4515,  
25.4979

■ 212.8460, 6.9779,  
1.8891

■ 54.5270, 85.0292,  
27.6018

■ 230.8320, -1.8892,  
-0.7297

■ 50.6950, 86.9184,  
28.3315

■ 247.9320,  
-10.3195, -3.4484

■ 251.8080,  
-12.2303, 2.7994

# Harmonies

## Analogous

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



111.1530, 67.9586, -97.4812



142.3860, 41.7147, 13.6935



139.6240, 20.8914, 66.1048

# Triad

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



142.3860, 41.7147, 13.6935



133.7200, -52.1200, 57.2506



114.1830, 18.6438, -100.1385

# Complementary

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



142.3860, 41.7147, 13.6935



202.6140, -41.7147, -13.6935

# 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.



105.8100, -5.8223, -92.7954



142.3860, 41.7147, 13.6935



128.5140, -63.3574, 21.4742

# Square

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



142.3860, 41.7147, 13.6935



133.9600, -29.0673, 83.3501



123.2920, -40.0770, -25.6891



119.0510, 42.3729, -104.4077



# Rectangle

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



142.3860, 41.7147, 13.6935



135.6190, 5.1178, 85.4031



123.2920, -40.0770, -25.6891



111.3160, 10.1972, -97.6241

# Sweetspot

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



142.3860, 41.7147, 13.6935



226.9910, 13.8084, 4.3929



170.9290, 27.6430, -46.4187



110.9000, 8.4303, 2.7187



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



142.3860, 41.7147, 13.6935



140.0180, 56.6861, 18.4012



158.5320, 33.7547, 46.8914



105.5640, 4.6519, 1.2594



40.1400, 68.4580, 22.6792



11.4950, 19.4760, 6.5819



# Inverse Universe

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



158.4570, 14.0717, 60.1122



161.9680, 19.2428, 81.5891



186.4680, -33.7547, -46.8914



107.5000, 1.7255, 6.5775



66.4030, 22.9723, 98.7476

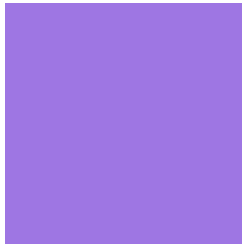


18.8970, 6.4598, 28.1543



# Previews

## White Background



This preview shows how the YUV color 142.3860, 41.7147, 13.6935 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

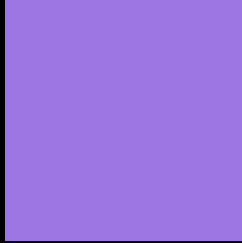
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 142.3860, 41.7147, 13.6935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

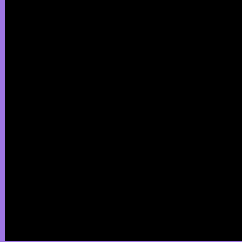
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.3860, 41.7147, 13.6935

## Background



This preview shows how black text looks on a background with the YUV color 142.3860, 41.7147, 13.6935.



This preview shows how white text looks on a background with the YUV color 142.3860, 41.7147, 13.6935.



# 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

142.3860, 41.7147, 13.6935

### Protanopia

133.8570, 53.8075, -38.4626

### Deuteranopia

134.2240, 43.7666, -37.9074



## Tritanopia

139.6350, 3.6309, 2.0741

# Trichromacy



## Original Color

142.3860, 41.7147, 13.6935



## Protanomaly

137.1260, 49.2379, -19.4045



## Deuteranomaly

136.8180, 42.9807, -19.1344



## Tritanomaly

140.6260, 17.4394, 6.4670

# Monochromacy



## Original Color

142.3860, 41.7147, 13.6935



## Achromatopsia

142.0000, 0.0000, 0.0000



## Achromatomaly

142.0450, 15.2608, 5.2225

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.3860, 41.7147, 13.6935 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(158, 118, 227)` looks like.

```
.text, #text, p{  
    color:rgb(158, 118, 227)  
}
```

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(158, 118, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 118, 227) }
```

## Border

The CSS property to change the border of an element to YUV 142.3860, 41.7147, 13.6935 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".

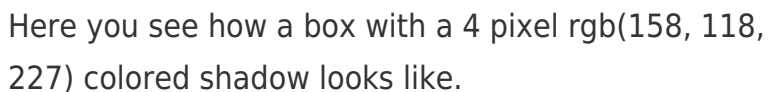
```
.border, #border, table{ border:4px solid rgb(158, 118, 227) }
```



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

```
.border{ border-color:rgb(158, 118, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 118, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 118, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 118, 227); box-shadow:4px 4px 4px 4px rgb(158, 118, 227) }
```

# Background

The CSS property to change the background color of an element to YUV 142.3860, 41.7147, 13.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 118, 227) }
```

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

```
.background{ background-color: rgb(158,  
118, 227) }
```

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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