

# Converting Colors

YUV(98.6060, -13.1168,  
-86.4775)

Have a look what the booklet for  
YUV(98.6060, -13.1168, -86.4775)  
contains.

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# Color

**YUV(98.6060, -13.1168,  
-86.4775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009A48
RGB	0, 154, 72
RGB Percent	0%, 60%, 28%
CMY	1.0000, 0.3961, 0.7176
CMYK	1.00, 0.00, 0.53, 0.40
HSL	148°, 100%, 30%
HSV	148°, 100%, 60%
XYZ	12.7253, 23.5791, 10.0114
YIQ	98.6060, -65.4620, -58.1500

# Conversions

## Conversions Part 2

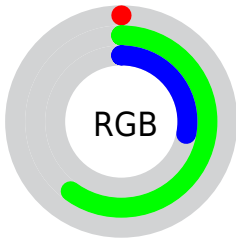
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 154
Decimal	39496
CIELab	55.66, -53.11, 33.29
CIELCh	56, 62.679, 147.920
Yxy	23.5791, 0.2748, 0.5091
Android (android.graphics.Color)	4278229576 (0xFF009A48)
YUV	98.6060, -13.1168, -86.4775
Hunter-Lab	48.5583, -38.1989, 21.7668

# Details

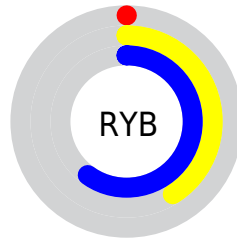
The YUV color **98.6060, -13.1168, -86.4775** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **55.3940, 13.1168, 86.4775**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1910, -20.3072, -66.8195**, and **62.0230, -18.7453, -54.3942** is the 20% darker color. If you saturate the color by 10%, you get **98.6060, -13.1168, -86.4775**, and if you desaturate by 10%, it is **104.0030, -11.8335, -78.0556**.

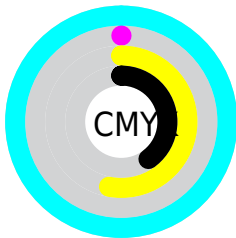
# Distribution



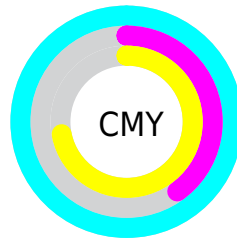
- Red (0%)
- Green (60%)
- Blue (28%)



- Red (0%)
- Yellow (41%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.6060, -13.1168, -86.4775 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 98.6060, -13.1168, -86.4775 by changing the saturation by 10% instead.





 98.6060, -13.1168,  
-86.4775


 98.6060, -13.1168,  
-86.4775


255.0000, 0.0000,  
0.0000


 80.0210, -15.7864,  
-70.1784


 163.1910,  
-20.3072, -66.8195


 62.0230, -18.7453,  
-54.3942


 191.6750,  
-21.0388, -65.4900

 44.6120, -21.9937,  
-39.1247

 213.4030,  
-18.4397, -59.1124

 30.5240, -15.0483,  
-26.7695

 225.4510,  
-11.0683, -43.3685

 16.4360, -8.1029,  
-14.4144

 237.4280, -2.6760,  
-28.4394

 0.0000, 0.0000,  
0.0000

 249.0200, 2.9481,

-12.2955

■ 98.6060, -13.1168,  
-86.4775

■ 104.0030,  
-11.8335, -78.0556

■ 109.6990,  
-10.6976, -69.0190

■ 115.2100, -8.9775,  
-60.6972

■ 120.9060, -7.8417,  
-51.6606

■ 126.3030, -6.5584,  
-43.2387

■ 131.7000, -5.2751,  
-34.8169

■ 137.3960, -4.1392,  
-25.7803

■ 142.9070, -2.4192,  
-17.4584

■ 148.6030, -1.2833,  
-8.4218

# Harmonies

## Analogous

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



119.8720, -49.7299, -9.5347



98.6060, -13.1168, -86.4775



107.3380, 10.1864, -94.1354

# Triad

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



98.6060, -13.1168, -86.4775



110.4690, 65.3378, -96.8813



127.5720, -20.4950, 87.1984

# Complementary

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



98.6060, -13.1168, -86.4775



55.3940, 13.1168, 86.4775

# 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.



129.6190, 5.1178, 85.4031



98.6060, -13.1168, -86.4775



134.3230, 47.1688, -9.0533

# Square

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



98.6060, -13.1168, -86.4775



115.4610, 54.0027, -101.2593



135.9580, 27.6287, 51.7798



128.7240, -44.7269, 66.0171



# Rectangle

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



98.6060, -13.1168, -86.4775



112.1430, 26.0585, -98.3494



135.9580, 27.6287, 51.7798



127.4720, -12.0647, 89.9171

# Sweetspot

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



98.6060, -13.1168, -86.4775



179.4120, -5.1331, -33.6873



114.9160, -56.6536, -28.8673



88.6570, -3.2819, -20.7472



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



98.6060, -13.1168, -86.4775



128.7030, -17.1086, -112.8725



107.3840, 20.5167, -94.1758



74.0380, -1.0047, -4.4183



89.7040, -11.6861, -78.6704



8.3150, -1.1413, -7.2923



# Inverse Universe

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



55.3940, 13.1168, 86.4775



72.2970, 17.1086, 112.8725



46.6160, -20.5167, 94.1758



71.8480, 0.5679, 4.5183



50.4100, 12.1229, 78.5704



4.6850, 1.1413, 7.2923



# Previews

## White Background



This preview shows how the YUV color 98.6060, -13.1168, -86.4775 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 98.6060, -13.1168, -86.4775 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 98.6060, -13.1168, -86.4775

## Background



This preview shows how black text looks on a background with the YUV color 98.6060, -13.1168, -86.4775.



This preview shows how white text looks on a background with the YUV color 98.6060, -13.1168, -86.4775.



# 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



### Protanopia

129.4340, -31.7660, 15.4054

### Deuteranopia

131.6940, -25.9781, 25.7014

### Tritanopia

120.9530, 17.7712, -53.4558

# Trichromacy



## Protanomaly

118.6250, -24.9581, -21.5961

## Deuteranomaly

119.5810, -21.4854, -15.4185

## Tritanomaly

112.6020, 6.6052, -65.4260

# Monochromacy



## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.8360, -4.8491, -31.4282

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.6060, -13.1168, -86.4775 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(0, 154, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 72)  
}
```

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(0, 154, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 72) }
```

## Border

The CSS property to change the border of an element to YUV 98.6060, -13.1168, -86.4775 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(0, 154, 72) }
```

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

```
.border{ border-color:rgb(0, 154, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 154, 72)  
}
```



# Background

The CSS property to change the background color of an element to YUV 98.6060, -13.1168, -86.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 72) }
```

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

```
.background{ background-color: rgb(0, 154,  
72) }
```

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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