

# Converting Colors

YUV(89.1170, -31.1167, -6.2416)

Have a look what the booklet for  
YUV(89.1170, -31.1167, -6.2416)  
contains.

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# Color

**YUV(89.1170, -31.1167,  
-6.2416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52691A
RGB	82, 105, 26
RGB Percent	32%, 41%, 10%
CMY	0.6784, 0.5882, 0.8980
CMYK	0.22, 0.00, 0.75, 0.59
HSL	77°, 60%, 26%
HSV	77°, 75%, 41%
XYZ	8.7177, 11.9716, 2.8286
YIQ	89.1170, 11.6510, -29.4450

# Conversions

## Conversions Part 2

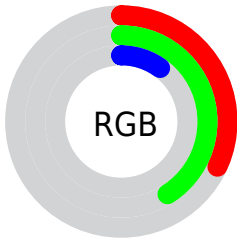
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 105, 49
Decimal	5400858
CIE <sub>Lab</sub>	41.17, -20.94, 39.34
CIE <sub>LCh</sub>	41, 44.562, 118.025
Yxy	11.9716, 0.3707, 0.5090
Android (android.graphics.Color)	4283590938 (0xFF52691A)
YUV	89.1170, -31.1167, -6.2416
Hunter-Lab	34.6000, -15.5756, 19.3730

# Details

The YUV color **89.1170, -31.1167, -6.2416** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **41.8830, 31.1167, 6.2416**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1880, -32.1377, -5.4269**, and **44.2120, -21.7965, -8.9559** is the 20% darker color. If you saturate the color by 10%, you get **86.9660, -35.4792, -6.9862**, and if you desaturate by 10%, it is **91.1540, -27.1909, -5.3971**.

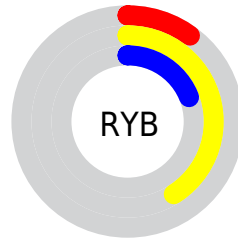
# Distribution



Red (32%)

Green (41%)

Blue (10%)



Red (10%)

Yellow (41%)

Blue (19%)

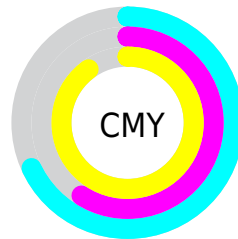


Cyan (22%)

Magenta (0%)

Yellow (75%)

Black (59%)



Cyan (68%)

Magenta (59%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.1170, -31.1167, -6.2416 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 89.1170, -31.1167, -6.2416 by changing the saturation by 10% instead.



■ 89.1170, -31.1167,  
-6.2416

■ 89.1170, -31.1167,  
-6.2416

255.0000, 0.0000,  
0.0000

■ 64.5900, -31.8429,  
-6.6564

■ 140.1880,  
-32.1377, -5.4269

■ 44.2120, -21.7965,  
-8.9559

■ 167.0740,  
-32.5745, -5.3269

■ 22.9260, -11.3025,  
-14.8441

■ 194.4330,  
-33.7375, -5.6417

■ 4.6960, -2.3151,  
-4.1184

■ 222.6180,  
-34.3217, -4.9270

■ 0.0000, 0.0000,  
0.0000

■ 243.7590,  
-31.4332, 1.9654

■ 249.6420,

-20.5295, 4.6990

252.9480, -7.8624,  
1.7996

89.1170, -31.1167,  
-6.2416

89.1170, -31.1167,  
-6.2416

86.9660, -35.4792,  
-6.9862

91.1540, -27.1909,  
-5.3971

84.9290, -39.4050,  
-7.8307

93.3050, -22.8284,  
-4.6525

83.7610, -41.2942,  
-8.5604

95.3420, -18.9026,  
-3.8079

97.4930, -14.5400,  
-3.0634

99.5300, -10.6143,  
-2.2188

■ 101.6810, -6.2517,  
-1.4742

■ 103.7180, -2.3260,  
-0.6297

■ 105.8690, 2.0366,  
0.1149

■ 108.2050, 5.8149,  
1.5742

# Harmonies

## Analogous

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



92.1700, -38.0448, 22.6529



89.1170, -31.1167, -6.2416



79.6140, -11.6417, -46.1425

# Triad

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



89.1170, -31.1167, -6.2416



82.6960, 37.6179, -72.5244



96.0470, 2.4418, 56.9638

# Complementary

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



89.1170, -31.1167, -6.2416



41.8830, 31.1167, 6.2416

# 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.



99.3290, 18.0788, 34.7915



89.1170, -31.1167, -6.2416



79.2540, 44.7378, -69.5058

# Square

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



89.1170, -31.1167, -6.2416



81.7380, 23.7932, -71.6842



97.9310, 31.5860, -4.3245



94.5900, -14.5879, 59.1186



# Rectangle

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



89.1170, -31.1167, -6.2416



76.1520, 2.3901, -66.7853



97.9310, 31.5860, -4.3245



97.0940, 7.8417, 51.6606

# Sweetspot

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



89.1170, -31.1167, -6.2416



131.3620, -12.5035, -2.9485



62.5350, -18.0118, 37.2418



65.0400, -7.4147, -1.7891



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



89.1170, -31.1167, -6.2416



113.1000, -48.8563, -9.7347



77.4560, -25.3678, -30.2179



52.7180, -2.3260, -0.6297



93.4960, -46.0935, -9.2050



195.8410, -96.5496, -19.1546



# Inverse Universe

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



41.8830, 31.1167, 6.2416



38.9000, 48.8563, 9.7347



53.5440, 25.3678, 30.2179



49.2820, 2.3260, 0.6297



23.5040, 46.0935, 9.2050



49.1590, 96.5496, 19.1546



# Previews

## White Background



This preview shows how the YUV color 89.1170, -31.1167, -6.2416 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 89.1170, -31.1167, -6.2416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

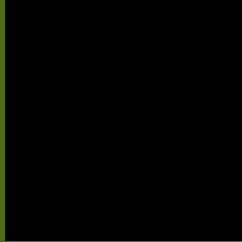
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.1170, -31.1167, -6.2416

## Background



This preview shows how black text looks on a background with the YUV color 89.1170, -31.1167, -6.2416.



This preview shows how white text looks on a background with the YUV color 89.1170, -31.1167, -6.2416.

-6.2416.

# 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

89.1170, -31.1167, -6.2416

### Protanopia

92.2660, -33.6551, 14.6757

### Deuteranopia

93.8310, -30.4827, 23.8272



## Tritanopia

96.8190, 4.5262, -5.1033

# Trichromacy



## Original Color

89.1170, -31.1167, -6.2416

## Protanomaly

91.1510, -32.6124, 6.8836

## Deuteranomaly

92.3520, -30.7395, 12.8463

## Tritanomaly

94.3770, -8.5669, -5.5926

# Monochromacy



## Original Color

89.1170, -31.1167, -6.2416

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.0030, -11.3405, -2.6336

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.1170, -31.1167, -6.2416 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(82, 105, 26)` looks like.

```
.text, #text, p{  
    color:rgb(82, 105, 26)  
}
```

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(82, 105, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 105, 26) }
```

## Border

The CSS property to change the border of an element to YUV 89.1170, -31.1167, -6.2416 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(82, 105, 26) }
```



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

```
.border{ border-color:rgb(82, 105, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 105, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 105, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 105, 26);  
box-shadow:4px 4px 4px 4px rgb(82, 105,  
26) }
```

# Background

The CSS property to change the background color of an element to YUV 89.1170, -31.1167, -6.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 105, 26) }
```

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

```
.background{ background-color: rgb(82, 105,  
26) }
```

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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