

Converting Colors

YUV(130.4740, -39.1807,
13.6163)

Have a look what the booklet for
YUV(130.4740, -39.1807, 13.6163)
contains.

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Color

**YUV(130.4740, -39.1807,
13.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	928A33
RGB	146, 138, 51
RGB Percent	57%, 54%, 20%
CMY	0.4275, 0.4588, 0.8000
CMYK	0.00, 0.05, 0.65, 0.43
HSL	55°, 48%, 39%
HSV	55°, 65%, 57%
XYZ	21.5401, 24.5270, 6.7309
YIQ	130.4740, 32.6950, -25.3610

Conversions

Conversions Part 2

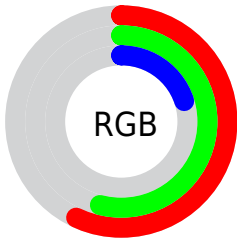
Format	Color
RYB	60, 146, 51
Decimal	9603635
CIELab	56.61, -8.14, 46.11
CIELCh	57, 46.825, 100.011
Yxy	24.5270, 0.4080, 0.4645
Android (android.graphics.Color)	4287793715 (0xFF928A33)
YUV	130.4740, -39.1807, 13.6163
Hunter-Lab	49.5247, -9.0322, 26.6092

Details

The YUV color **130.4740, -39.1807, 13.6163** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **66.5260, 39.1807, -13.6163**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1430, -40.4965, 15.6606**, and **79.1640, -39.0279, 11.2572** is the 20% darker color. If you saturate the color by 10%, you get **128.1770, -45.4433, 15.6308**, and if you desaturate by 10%, it is **132.7710, -32.9181, 11.6018**.

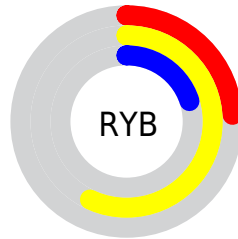
Distribution



Red (57%)

Green (54%)

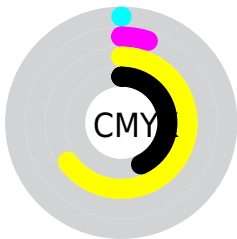
Blue (20%)



Red (24%)

Yellow (57%)

Blue (20%)

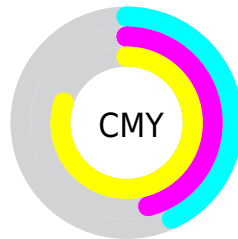


Cyan (0%)

Magenta (5%)

Yellow (65%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4740, -39.1807, 13.6163 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 130.4740, -39.1807, 13.6163 by changing the saturation by 10% instead.

■ 130.4740,
-39.1807, 13.6163

■ 130.4740,
-39.1807, 13.6163

■ 255.0000, 0.0000,
0.0000

■ 104.7620,
-39.3227, 12.4867

■ 184.1430,
-40.4965, 15.6606

■ 79.1640, -39.0279,
11.2572

■ 212.2140,
-41.5175, 16.4753

■ 58.4870, -28.8341,
8.3429

■ 238.9040,
-41.3647, 14.1162

■ 37.7990, -18.6349,
3.6843

■ 246.6780,
-31.8863, 7.2984

■ 18.5730, -9.1565,
-3.1335

■ 249.8700,
-19.6559, 4.4990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 130.4740,
-39.1807, 13.6163

■ 130.4740,
-39.1807, 13.6163

■ 128.1770,
-45.4433, 15.6308

■ 132.7710,
-32.9181, 11.6018

■ 125.9940,
-51.2690, 17.5453

■ 134.9540,
-27.0923, 9.6873

■ 123.1100,
-57.2422, 20.0745

■ 137.8380,
-21.1191, 7.1581

■ 122.3120,
-60.2998, 20.7744

■ 140.0210,
-15.2934, 5.2436

■ 142.3180, -9.0308,
3.2291

■ 144.6150, -2.7682,
1.2146

■ 147.3850, 2.7682,
-1.2146

■ 149.6820, 9.0308,
-3.2291

■ 151.8650, 14.8566,
-5.1436

Harmonies

Analogous

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



133.5190, -37.2309, 41.6408



130.4740, -39.1807, 13.6163



125.3540, -27.2895, -20.4815

Triad

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



130.4740, -39.1807, 13.6163



111.7160, 37.1150, -97.9749



139.0490, 12.7938, 49.9460

Complementary

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



130.4740, -39.1807, 13.6163



66.5260, 39.1807, -13.6163

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.



139.7700, 29.2004, 14.2337



130.4740, -39.1807, 13.6163



111.0440, 49.7713, -97.3856

Square

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



130.4740, -39.1807, 13.6163



108.5580, 19.9379, -95.2054



130.7680, 42.0194, -37.5075



136.2240, -6.0264, 66.4556

Rectangle

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



130.4740, -39.1807, 13.6163



119.2500, -12.9413, -49.3312



130.7680, 42.0194, -37.5075



139.7750, 18.3519, 40.5393

Sweetspot

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



130.4740, -39.1807, 13.6163



182.9070, -15.7302, 5.3436



80.5450, -9.6357, 57.4040



90.3180, -9.0308, 3.2291



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



130.4740, -39.1807, 13.6163



164.6110, -60.4472, 21.3892



123.8080, -35.8943, -13.8636



72.6150, -2.7682, 1.2146



115.2240, -56.8054, 19.9746



8.2730, -4.0786, 1.5146

Inverse Universe

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



66.5260, 39.1807, -13.6163



65.8020, 60.7366, -20.8744



73.1920, 35.8943, 13.8636



67.7980, 3.0576, -0.6998



22.7760, 56.8054, -19.9746



1.7270, 4.0786, -1.5146

Previews

White Background



This preview shows how the YUV color 130.4740, -39.1807, 13.6163 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 130.4740, -39.1807, 13.6163 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 130.4740, -39.1807, 13.6163

Background



This preview shows how black text looks on a background with the YUV color 130.4740, -39.1807, 13.6163.



This preview shows how white text looks on a background with the YUV color 130.4740, -39.1807, 13.6163.

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

130.4740, -39.1807, 13.6163

Protanopia

130.9800, -39.9231, 18.4345

Deuteranopia

132.4100, -38.6561, 32.0894



Tritanopia

137.6150, 0.6828, 14.3696

Trichromacy



Original Color

130.4740, -39.1807, 13.6163

Protanomaly

130.9690, -39.9177, 16.6902

Deuteranomaly

131.6650, -38.7818, 25.7268

Tritanomaly

134.8310, -13.7207, 14.1802

Monochromacy



Original Color

130.4740, -39.1807, 13.6163

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.2490, -14.4198, 5.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4740, -39.1807, 13.6163 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(146, 138, 51)` looks like.

```
.text, #text, p{  
    color:rgb(146, 138, 51)  
}
```

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(146, 138, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 138, 51) }
```

Border

The CSS property to change the border of an element to YUV 130.4740, -39.1807, 13.6163 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(146, 138, 51) }
```


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

```
.border{ border-color:rgb(146, 138, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 138, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 138, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 138, 51);  
box-shadow:4px 4px 4px 4px rgb(146, 138,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 130.4740, -39.1807, 13.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 138, 51) }
```

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

```
.background{ background-color: rgb(146,  
138, 51) }
```

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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