

Converting Colors

YUV(99.7580, -39.8137,
30.0302)

Have a look what the booklet for
YUV(99.7580, -39.8137, 30.0302)
contains.

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Color

**YUV(99.7580, -39.8137,
30.0302)**

Conversions

Conversions Part 1

Format	Color
Hex	866213
RGB	134, 98, 19
RGB Percent	53%, 38%, 7%
CMY	0.4745, 0.6157, 0.9255
CMYK	0.00, 0.27, 0.86, 0.47
HSL	41°, 75%, 30%
HSV	41°, 86%, 53%
XYZ	14.3167, 13.8507, 2.5350
YIQ	99.7580, 46.8150, -16.9370

Conversions

Conversions Part 2

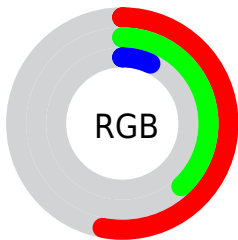
Format	Color
R_{YB}	71, 134, 19
Decimal	8806931
CIE Lab	44.02, 7.34, 46.37
CIE LCh	44, 46.948, 81.010
Yxy	13.8507, 0.4663, 0.4511
Android (android.graphics.Color)	4286997011 (0xFF866213)
YUV	99.7580, -39.8137, 30.0302
Hunter-Lab	37.2165, 3.5378, 22.0131

Details

The YUV color **99.7580, -39.8137, 30.0302** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **53.2420, 39.8137, -30.0302**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9650, -40.4087, 34.2337**, and **54.4440, -26.8409, 22.4126** is the 20% darker color. If you saturate the color by 10%, you get **95.9280, -44.3345, 33.3891**, and if you desaturate by 10%, it is **103.5880, -35.2929, 26.6713**.

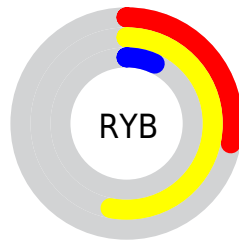
Distribution



Red (53%)

Green (38%)

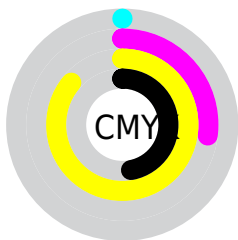
Blue (7%)



Red (28%)

Yellow (53%)

Blue (7%)

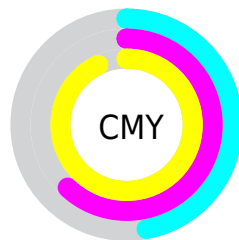


Cyan (0%)

Magenta (27%)

Yellow (86%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7580, -39.8137, 30.0302 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 99.7580, -39.8137, 30.0302 by changing the saturation by 10% instead.

■ 99.7580, -39.8137,
30.0302

■ 99.7580, -39.8137,
30.0302

■ 255.0000, 0.0000,
0.0000

■ 75.1320, -37.0401,
27.0712

■ 151.9650,
-40.4087, 34.2337

■ 54.4440, -26.8409,
22.4126

■ 179.4490,
-41.1404, 35.5632

■ 34.3430, -16.9311,
17.2392

■ 207.2320,
-42.0194, 37.5075

■ 13.6660, -6.7373,
14.3249

■ 228.1270,
-39.5026, 23.5676

■ 0.0000, 0.0000,
0.0000

■ 245.8800,
-34.9438, 7.9982

■ 249.0720,

-22.7135, 5.1989

■ 252.3780,
-10.0464, 2.2995

■ 99.7580, -39.8137,
30.0302

■ 99.7580, -39.8137,
30.0302

■ 95.9280, -44.3345,
33.3891

■ 103.5880,
-35.2929, 26.6713

■ 94.0700, -46.3765,
35.0186

■ 107.5320,
-30.3353, 23.2124

■ 111.9490,
-26.1039, 19.3387

■ 115.8930,
-21.1462, 15.8798

■ 119.7230,
-16.6254, 12.5209

■ 123.5530,
-12.1046, 9.1620

■ 127.4970, -7.1470,
5.7031

■ 131.9140, -2.9156,
1.8294

■ 135.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



101.2890, -28.2435, 52.3665



99.7580, -39.8137, 30.0302



96.3800, -36.6693, 1.4207

Triad

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



99.7580, -39.8137, 30.0302



87.1350, 21.6254, -76.4174



107.5500, 22.8999, 28.4587

Complementary

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



99.7580, -39.8137, 30.0302



53.2420, 39.8137, -30.0302

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.



103.1080, 36.4288, -17.6347



99.7580, -39.8137, 30.0302



89.1360, 36.9080, -78.1723

Square

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



99.7580, -39.8137, 30.0302



81.9880, 4.4429, -71.9035



86.3780, 46.6486, -75.7535



103.8990, 6.9518, 57.0936

Rectangle

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



99.7580, -39.8137, 30.0302



93.0980, -25.6843, -22.0109



86.3780, 46.6486, -75.7535



106.7270, 27.7426, 15.1484

Sweetspot

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



99.7580, -39.8137, 30.0302



159.6520, -15.6044, 11.7062



57.4890, -1.2271, 67.1001



78.6390, -9.1890, 7.3326



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



99.7580, -39.8137, 30.0302



121.5800, -59.9389, 45.0953



114.6110, -47.1362, -1.4128



64.1420, -2.0420, 1.6295



91.1130, -44.9187, 34.1039



2.0710, -1.0210, 0.8147

Inverse Universe

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



53.2420, 39.8137, -30.0302



51.4200, 59.9389, -45.0953



38.3890, 47.1362, 1.4128



61.8580, 2.0420, -1.6295



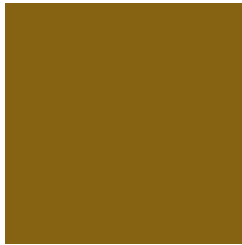
38.8870, 44.9187, -34.1039



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 99.7580, -39.8137, 30.0302 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 99.7580, -39.8137, 30.0302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

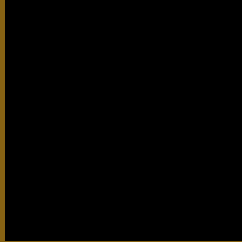
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7580, -39.8137, 30.0302

Background



This preview shows how black text looks on a background with the YUV color 99.7580, -39.8137, 30.0302.



This preview shows how white text looks on a background with the YUV color 99.7580, -39.8137,

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

99.7580, -39.8137, 30.0302

Protanopia

99.3110, -38.6073, 16.3903

Deuteranopia

99.6330, -40.2451, 28.3859



Tritanopia

105.8510, -3.8705, 28.1947

Trichromacy



Original Color

99.7580, -39.8137, 30.0302

Protanomaly

99.2300, -39.0604, 21.7233

Deuteranomaly

99.9320, -40.3925, 29.0006

Tritanomaly

104.0070, -17.2585, 28.9349

Monochromacy



Original Color

99.7580, -39.8137, 30.0302

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6950, -14.1466, 10.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7580, -39.8137, 30.0302 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(134, 98, 19)` looks like.

```
.text, #text, p{  
    color:rgb(134, 98, 19)  
}
```

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(134, 98, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 98, 19) }
```

Border

The CSS property to change the border of an element to YUV 99.7580, -39.8137, 30.0302 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(134, 98, 19) }
```


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

```
.border{ border-color:rgb(134, 98, 19) }
```

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

Here you see how a box with a 4 pixel rgb(134, 98, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 98, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 98, 19);  
box-shadow:4px 4px 4px 4px rgb(134, 98,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 99.7580, -39.8137, 30.0302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 98, 19) }
```

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

```
.background{ background-color: rgb(134, 98,  
19) }
```

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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