

Converting Colors

YUV(96.4970, -37.7130,
-37.2699)

Have a look what the booklet for
YUV(96.4970, -37.7130, -37.2699)
contains.

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Color

**YUV(96.4970, -37.7130,
-37.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	368514
RGB	54, 133, 20
RGB Percent	21%, 52%, 8%
CMY	0.7882, 0.4784, 0.9216
CMYK	0.59, 0.00, 0.85, 0.48
HSL	102°, 74%, 30%
HSV	102°, 85%, 52%
XYZ	10.0351, 17.6098, 3.5320
YIQ	96.4970, -10.8110, -51.8910

Conversions

Conversions Part 2

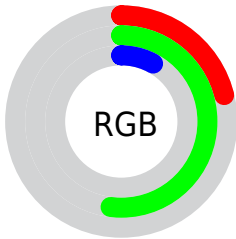
Format	Color
R_YB	20, 133, 99
Decimal	3573012
CIE Lab	49.02, -43.94, 48.32
CIE LCh	49, 65.308, 132.281
Yxy	17.6098, 0.3219, 0.5648
Android (android.graphics.Color)	4281763092 (0xFF368514)
YUV	96.4970, -37.7130, -37.2699
Hunter-Lab	41.9641, -30.7514, 24.3846

Details

The YUV color **96.4970, -37.7130, -37.2699** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **56.5030, 37.7130, 37.2699**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2090, -37.5710, -36.1403**, and **48.1340, -23.7301, -42.2135** is the 20% darker color. If you saturate the color by 10%, you get **92.3240, -42.0647, -41.5031**, and if you desaturate by 10%, it is **100.6700, -33.3613, -33.0366**.

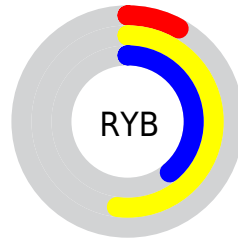
Distribution



Red (21%)

Green (52%)

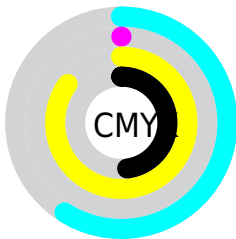
Blue (8%)



Red (8%)

Yellow (52%)

Blue (39%)

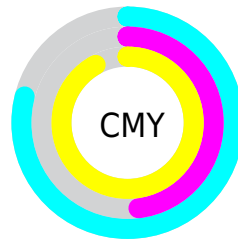


Cyan (59%)

Magenta (0%)

Yellow (85%)

Black (48%)



Cyan (79%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4970, -37.7130, -37.2699 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 96.4970, -37.7130, -37.2699 by changing the saturation by 10% instead.

■ 96.4970, -37.7130,
-37.2699

■ 96.4970, -37.7130,
-37.2699

255.0000, 0.0000,
0.0000

■ 68.7890, -33.9130,
-42.7880

■ 151.2090,
-37.5710, -36.1403

■ 48.1340, -23.7301,
-42.2135

■ 178.9810,
-38.4446, -35.9403

■ 34.0460, -16.7847,
-29.8583

■ 207.4540,
-39.1708, -36.3552

■ 21.7190, -10.7075,
-19.0476

■ 225.6600,
-34.8354, -26.8888

■ 0.0000, 0.0000,
0.0000

■ 237.4090,
-27.3166, -11.7597

■ 249.5710,

-19.5085, 3.8842

■ 253.1760, -6.9888,
1.5996

■ 96.4970, -37.7130,
-37.2699

■ 96.4970, -37.7130,
-37.2699

■ 92.3240, -42.0647,
-41.5031

■ 100.6700,
-33.3613, -33.0366

■ 90.0310, -44.3853,
-43.8772

■ 105.2560,
-28.7202, -28.2885

■ 109.4290,
-24.3685, -24.0552

■ 113.6020,
-20.0168, -19.8220

■ 117.8890,
-15.2283, -15.6887

■ 122.3610,
-11.0240, -10.8406

■ 126.5340, -6.6723,
-6.6073

■ 130.7070, -2.3206,
-2.3740

■ 135.2930, 2.3206,
2.3740

Harmonies

Analogous

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



106.9070, -52.7052, 11.4826



96.4970, -37.7130, -37.2699



90.8270, -4.8447, -79.6553

Triad

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



96.4970, -37.7130, -37.2699



102.7920, 58.7695, -90.1486



105.7420, -4.8028, 94.0653

Complementary

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



96.4970, -37.7130, -37.2699



56.5030, 37.7130, 37.2699

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.



112.3370, 19.5539, 75.1265



96.4970, -37.7130, -37.2699



93.8560, 65.1470, -82.3117

Square

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



96.4970, -37.7130, -37.2699



103.2530, 42.7663, -90.5529



119.1700, 39.3562, 23.5299



109.0260, -32.5508, 80.6612

Rectangle

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



96.4970, -37.7130, -37.2699



96.3330, 11.1748, -84.4840



119.1700, 39.3562, 23.5299



107.0220, 3.9332, 92.0657

Sweetspot

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



96.4970, -37.7130, -37.2699



159.1280, -14.3601, -14.1443



98.9860, -38.9401, 29.8303



78.6540, -8.7034, -8.4666



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.



96.4970, -37.7130, -37.2699



117.0990, -57.7298, -57.0918



88.7250, -23.5284, -60.2718



64.1200, -2.0312, -1.8592



87.9710, -43.3697, -42.9476



2.0600, -1.0156, -0.9296

Inverse Universe

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



56.5030, 37.7130, 37.2699



55.9010, 57.7298, 57.0918



64.2750, 23.5284, 60.2718



61.8800, 2.0312, 1.8592



42.0290, 43.3697, 42.9476



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 96.4970, -37.7130, -37.2699 looks on a white background.

Color Contrast Check

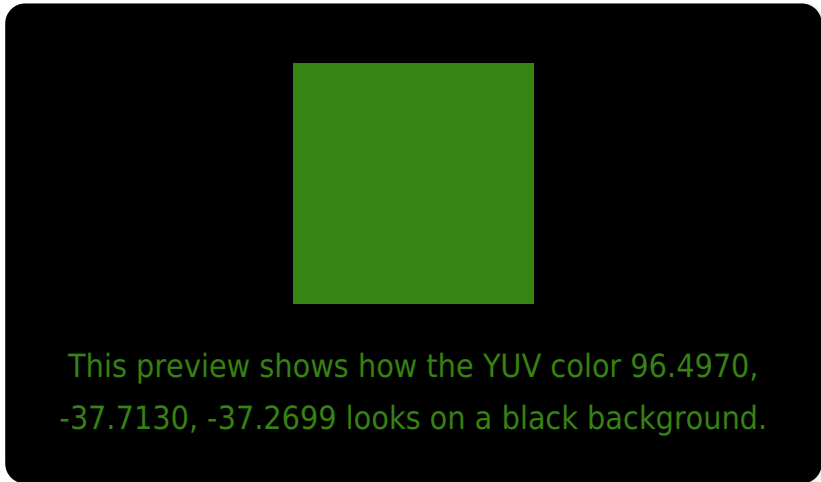
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 96.4970, -37.7130, -37.2699

Background



This preview shows how black text looks on a background with the YUV color 96.4970, -37.7130, -37.2699.



This preview shows how white text looks on a background with the YUV color 96.4970, -37.7130,

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

96.4970, -37.7130, -37.2699

Protanopia

108.9710, -46.3277, 19.3194

Deuteranopia

111.6870, -38.7927, 29.2155



Tritanopia

110.4890, 11.5909, -31.1239

Trichromacy



Original Color

96.4970, -37.7130, -37.2699

Protanomaly

104.3490, -43.0631, -1.1831

Deuteranomaly

105.9460, -38.4274, 5.3094

Tritanomaly

105.1840, -6.0067, -33.4874

Monochromacy



Original Color

96.4970, -37.7130, -37.2699

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9540, -13.7813, -13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4970, -37.7130, -37.2699 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(54, 133, 20)` looks like.

```
.text, #text, p{  
    color:rgb(54, 133, 20)  
}
```

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(54, 133, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 133, 20) }
```

Border

The CSS property to change the border of an element to YUV 96.4970, -37.7130, -37.2699 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(54, 133, 20) }
```


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

```
.border{ border-color:rgb(54, 133, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 133, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 133, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 133, 20);  
box-shadow:4px 4px 4px 4px rgb(54, 133,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 96.4970, -37.7130, -37.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 133, 20) }
```

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

```
.background{ background-color: rgb(54, 133,  
20) }
```

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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