

Converting Colors

YUV(37.3900, 58.9677,
-13.4970)

Have a look what the booklet for
YUV(37.3900, 58.9677, -13.4970)
contains.

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Color

**YUV(37.3900, 58.9677,
-13.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	16169D
RGB	22, 22, 157
RGB Percent	9%, 9%, 62%
CMY	0.9137, 0.9137, 0.3843
CMYK	0.86, 0.86, 0.00, 0.38
HSL	240°, 75%, 35%
HSV	240°, 86%, 62%
XYZ	6.7036, 3.1787, 32.1585
YIQ	37.3900, -43.3350, 41.9850

Conversions

Conversions Part 2

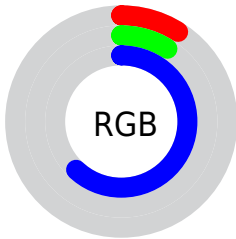
Format	Color
R_{YB}	22, 22, 157
Decimal	1447581
CIE _{Lab}	20.75, 48.19, -69.84
CIE _{LCh}	21, 84.852, 304.610
Yxy	3.1787, 0.1595, 0.0756
Android (android.graphics.Color)	4279637661 (0xFF16169D)
YUV	37.3900, 58.9677, -13.4970
Hunter-Lab	17.8289, 35.9144, -94.4626

Details

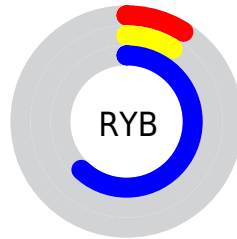
The YUV color **37.3900, 58.9677, -13.4970** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **141.6100, -58.9677, 13.4970**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3750, 58.4821, 2.3021**, and **11.8560, 45.4270, -10.3977** is the 20% darker color. If you saturate the color by 10%, you get **23.2140, 65.9565, -15.0967**, and if you desaturate by 10%, it is **51.5660, 51.9790, -11.8974**.

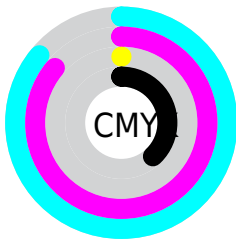
Distribution



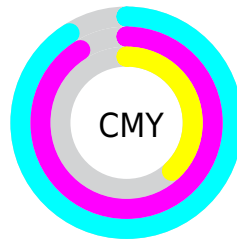
- Red (9%)
- Green (9%)
- Blue (62%)



- Red (9%)
- Yellow (9%)
- Blue (62%)



- Cyan (86%)
- Magenta (86%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.3900, 58.9677, -13.4970 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 37.3900, 58.9677, -13.4970 by changing the saturation by 10% instead.

■ 37.3900, 58.9677,
-13.4970

■ 37.3900, 58.9677,
-13.4970

■ 255.0000, 0.0000,
0.0000

■ 14.8200, 56.7837,
-12.9971

■ 94.3750, 58.4821,
2.3021

■ 11.8560, 45.4270,
-10.3977

■ 121.3260, 59.4923,
4.9761

■ 11.3540, 33.3495,
-9.9575

■ 146.4530, 53.5137,
9.2497

■ 9.2050, 22.5769,
-8.0728

■ 170.9730, 41.4253,
13.1787

■ 4.9360, 13.8356,
-4.3289

■ 195.7920, 29.1895,
17.7224

■ 0.5700, 2.1840,
-0.4999

■ 220.9100, 16.8064,

■ 0.0000, 0.0000,

22.8809

0.0000

240.3250, 7.2348,
12.8700

37.3900, 58.9677,
-13.4970

37.3900, 58.9677,
-13.4970

23.2140, 65.9565,
-15.0967

51.5660, 51.9790,
-11.8974

17.8980, 68.5773,
-15.6965

64.8560, 45.4270,
-10.3977

79.0320, 38.4382,
-8.7981

93.2080, 31.4495,
-7.1984

107.3840, 24.4607,
-5.5988

■ 120.6740, 17.9087,
-4.0991

■ 134.8500, 10.9200,
-2.4994

■ 149.0260, 3.9312,
-0.8998

■ 162.3160, -2.6208,
0.5999

Harmonies

Analogous

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



55.8540, 61.6970, -48.9840



37.3900, 58.9677, -13.4970



49.3450, 27.4379, 66.3494

Triad

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



37.3900, 58.9677, -13.4970



39.8900, -19.6658, 54.4705



47.8160, 5.5137, -41.9346

Complementary

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



37.3900, 58.9677, -13.4970



141.6100, -58.9677, 13.4970

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.



39.3290, -19.3892, -34.4915



37.3900, 58.9677, -13.4970



46.6700, -23.0083, 6.4284

Square

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



37.3900, 58.9677, -13.4970



40.3650, -19.8999, 82.9949



36.9810, -18.2316, -32.4323



55.5850, 32.7426, -48.7480

Rectangle

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



37.3900, 58.9677, -13.4970



50.3520, 6.7285, 82.1293



36.9810, -18.2316, -32.4323



44.6070, -4.2433, -39.1203

Sweetspot

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



37.3900, 58.9677, -13.4970



157.0420, 23.1503, -5.2988



116.6350, 19.8999, -82.9949



73.6480, 13.9775, -3.1993



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.



37.3900, 58.9677, -13.4970



23.2560, 89.1068, -20.3955



57.7220, 48.9441, 28.3078



71.9120, 3.4944, -0.7998



16.3020, 62.4621, -14.2969



1.7100, 6.5520, -1.4997

Inverse Universe

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



77.7550, 39.0678, 69.4979



84.2520, 59.0358, 105.0190



121.5770, -49.0915, -27.6930



74.3040, 2.3151, 4.1184



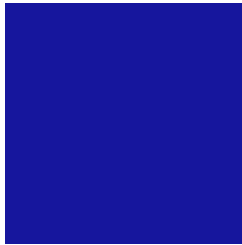
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 37.3900, 58.9677, -13.4970 looks on a white background.

Color Contrast Check

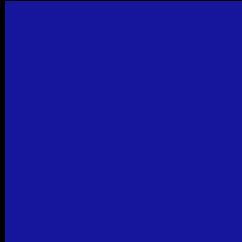
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 37.3900, 58.9677, -13.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

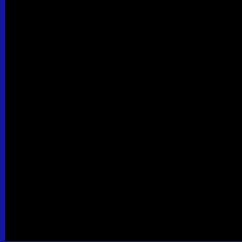
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.3900, 58.9677, -13.4970

Background



This preview shows how black text looks on a background with the YUV color 37.3900, 58.9677, -13.4970.



This preview shows how white text looks on a background with the YUV color 37.3900, 58.9677, -13.4970.

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

37.3900, 58.9677, -13.4970

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

41.1430, 23.1005, -36.0824



Tritanopia

40.1850, 9.2758, -35.2422

Trichromacy



Original Color

37.3900, 58.9677, -13.4970

Protanomaly

39.3070, 41.2606, -27.4562

Deuteranomaly

39.9280, 36.0245, -28.0009

Tritanomaly

39.0500, 27.5833, -27.2308

Monochromacy



Original Color

37.3900, 58.9677, -13.4970

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.5860, 21.4031, -4.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.3900, 58.9677, -13.4970 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(22, 22, 157)` looks like.

```
.text, #text, p{  
    color:rgb(22, 22, 157)  
}
```

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(22, 22, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 22, 157) }
```

Border

The CSS property to change the border of an element to YUV 37.3900, 58.9677, -13.4970 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(22, 22, 157) }
```


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

```
.border{ border-color:rgb(22, 22, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 22, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 22, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 22, 157);  
box-shadow:4px 4px 4px 4px rgb(22, 22,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 37.3900, 58.9677, -13.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 22, 157) }
```

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

```
.background{ background-color: rgb(22, 22,  
157) }
```

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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