

Converting Colors

YUV(37.9030, 13.8518, -9.5619)

Have a look what the booklet for
YUV(37.9030, 13.8518, -9.5619)
contains.

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Color

**YUV(37.9030, 13.8518,
-9.5619)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2642
RGB	27, 38, 66
RGB Percent	11%, 15%, 26%
CMY	0.8941, 0.8510, 0.7412
CMYK	0.59, 0.42, 0.00, 0.74
HSL	223°, 42%, 18%
HSV	223°, 59%, 26%
XYZ	2.1285, 2.0126, 5.4305
YIQ	37.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

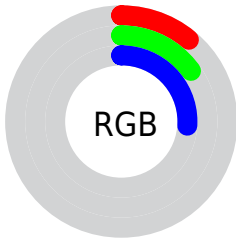
Format	Color
R_{YB}	27, 36, 66
Decimal	1779266
CIE Lab	15.55, 4.93, -19.22
CIE LCh	16, 19.839, 284.384
Yxy	2.0126, 0.2224, 0.2103
Android (android.graphics.Color)	4279969346 (0xFF1B2642)
YUV	37.9030, 13.8518, -9.5619
Hunter-Lab	14.1866, 1.9547, -12.7653

Details

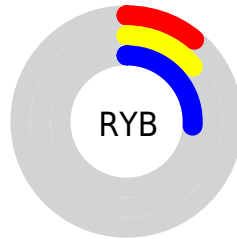
The YUV color **37.9030, 13.8518, -9.5619** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55.0970, -13.8518, 9.5619**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.8430, 14.8674, -8.6323**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **32.8750, 16.3306, -11.2914**, and if you desaturate by 10%, it is **42.9310, 11.3730, -7.8325**.

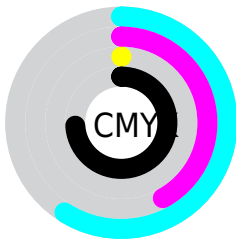
Distribution



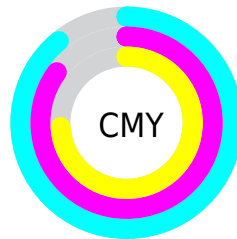
- Red (11%)
- Green (15%)
- Blue (26%)



- Red (11%)
- Yellow (14%)
- Blue (26%)



- Cyan (59%)
- Magenta (42%)
- Yellow (0%)
- Black (74%)



- Cyan (89%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9030, 13.8518, -9.5619 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 37.9030, 13.8518, -9.5619 by changing the saturation by 10% instead.

■ 37.9030, 13.8518,
-9.5619

■ 37.9030, 13.8518,
-9.5619

■ 255.0000, 0.0000,
0.0000

■ 16.1910, 13.7098,
-10.6915

■ 83.8430, 14.8674,
-8.6323

■ 3.2090, 9.7570,
-2.8143

■ 108.0710, 15.7410,
-8.8323

■ 0.0000, 0.0000,
0.0000

■ 133.4840, 16.0304,
-8.3175

■ 159.5980, 16.4672,
-8.4174

■ 186.7120, 16.9040,
-8.5174

■ 214.2390, 17.6302,

-8.1026

240.2040, 7.2944,
-6.3179

37.9030, 13.8518,
-9.5619

37.9030, 13.8518,
-9.5619

32.8750, 16.3306,
-11.2914

42.9310, 11.3730,
-7.8325

28.7330, 18.3726,
-12.9208

47.0730, 9.3310,
-6.2030

23.7050, 20.8514,
-14.6503

52.1010, 6.8522,
-4.4736

18.9760, 23.1828,
-15.7650

56.8300, 4.5208,
-3.3589

18.6770, 23.3302,
-16.3797

61.8580, 2.0420,
-1.6295

■ 66.2990, -0.1474,
0.6148

■ 71.0280, -2.4788,
1.7294

■ 76.0560, -4.9576,
3.4589

■ 80.7850, -7.2890,
4.5736

Harmonies

Analogous

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



32.1780, 16.6742, -28.2201



37.9030, 13.8518, -9.5619



40.1610, 9.2876, 7.7518

Triad

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



37.9030, 13.8518, -9.5619



38.4280, -9.0850, 20.6726



30.2480, 0.3707, -25.6505

Complementary

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



37.9030, 13.8518, -9.5619



55.0970, -13.8518, 9.5619

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.



35.3550, -8.5560, -9.0813



37.9030, 13.8518, -9.5619



37.4180, -14.0101, 13.6654

Square

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



37.9030, 13.8518, -9.5619



39.0460, -2.9807, 22.7617



36.6510, -14.1249, 3.8141



32.1320, 6.3439, -28.1798

Rectangle

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



37.9030, 13.8518, -9.5619



40.1790, 5.3348, 15.6290



36.6510, -14.1249, 3.8141



32.3690, -3.1399, -19.6176

Sweetspot

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



37.9030, 13.8518, -9.5619



75.1720, 5.8312, -3.6588



53.0850, 0.9441, -22.8765



36.7870, 3.0630, -2.4442



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



37.9030, 13.8518, -9.5619



42.6340, 21.8724, -15.4650



33.8380, 15.8559, 1.0191



30.9290, 1.0210, -0.8147



26.9070, 34.5558, -23.5974



62.5170, 79.6111, -54.8274

Inverse Universe

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



39.9150, -0.9441, 22.8765



45.5900, -1.2769, 36.3166



59.1620, -15.8559, -1.0191



31.0110, -0.0054, 1.7444



32.0810, -2.5049, 56.9340



74.1580, -5.5009, 131.4114

Previews

White Background



This preview shows how the YUV color 37.9030, 13.8518, -9.5619 looks on a white background.

Color Contrast Check

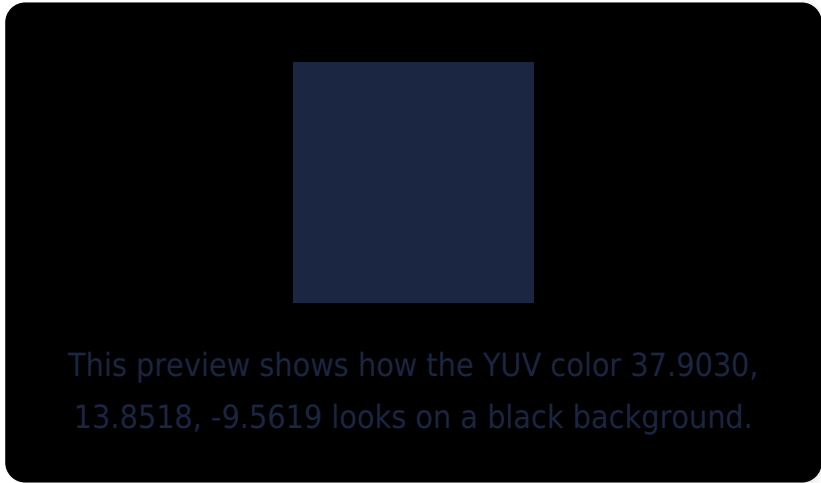
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

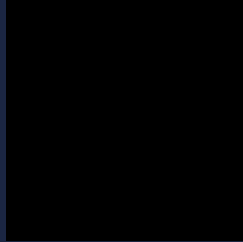
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9030, 13.8518, -9.5619

Background



This preview shows how black text looks on a background with the YUV color 37.9030, 13.8518, -9.5619.



This preview shows how white text looks on a background with the YUV color 37.9030, 13.8518,

-9.5619.

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

37.9030, 13.8518, -9.5619

Protanopia

37.9030, 13.8518, -9.5619

Deuteranopia

36.3970, 14.5943, -14.3802



Tritanopia

35.2800, 5.2850, -15.1546

Trichromacy



Original Color

37.9030, 13.8518, -9.5619

Protanomaly

37.9030, 13.8518, -9.5619

Deuteranomaly

37.2940, 14.1521, -12.5358

Tritanomaly

36.3880, 8.1897, -13.4953

Monochromacy



Original Color

37.9030, 13.8518, -9.5619

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9030, 13.8518, -9.5619 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(27, 38, 66)` looks like.

```
.text, #text, p{  
    color:rgb(27, 38, 66)  
}
```

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(27, 38, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 38, 66) }
```

Border

The CSS property to change the border of an element to YUV 37.9030, 13.8518, -9.5619 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(27, 38, 66) }
```


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

```
.border{ border-color:rgb(27, 38, 66) }
```

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

Here you see how a box with a 4 pixel rgb(27, 38, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 38, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 38, 66);  
box-shadow:4px 4px 4px 4px rgb(27, 38, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.9030, 13.8518, -9.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 38, 66) }
```

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

```
.background{ background-color: rgb(27, 38,  
66) }
```

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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