

Converting Colors

YUV(50.2970, 9.7136, 11.1405)

Have a look what the booklet for
YUV(50.2970, 9.7136, 11.1405)
contains.

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Color

**YUV(50.2970, 9.7136,
11.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2846
RGB	63, 40, 70
RGB Percent	25%, 16%, 27%
CMY	0.7529, 0.8431, 0.7255
CMYK	0.10, 0.43, 0.00, 0.73
HSL	286°, 27%, 22%
HSV	286°, 43%, 27%
XYZ	3.9142, 3.0165, 6.1703
YIQ	50.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

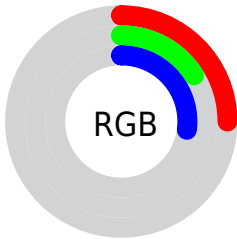
Format	Color
RYB	63, 40, 70
Decimal	4139078
CIELab	20.11, 17.02, -14.56
CIELCh	20, 22.398, 319.447
Yxy	3.0165, 0.2988, 0.2303
Android (android.graphics.Color)	4282329158 (0xFF3F2846)
YUV	50.2970, 9.7136, 11.1405
Hunter-Lab	17.3682, 9.8333, -8.9059

Details

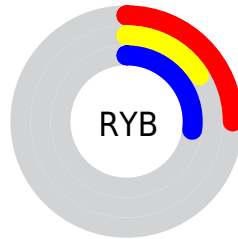
The YUV color **50.2970, 9.7136, 11.1405** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.7030, -9.7136, -11.1405**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.1230, 10.2924, 12.1701**, and **9.9550, 8.4032, 11.4405** is the 20% darker color. If you saturate the color by 10%, you get **45.5900, 12.0341, 13.5146**, and if you desaturate by 10%, it is **55.0040, 7.3930, 8.7665**.

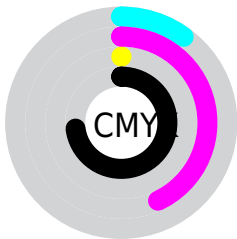
Distribution



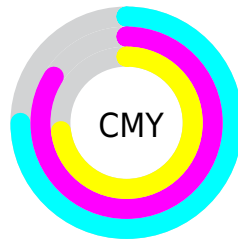
- Red (25%)
- Green (16%)
- Blue (27%)



- Red (25%)
- Yellow (16%)
- Blue (27%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.2970, 9.7136, 11.1405 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 50.2970, 9.7136, 11.1405 by changing the saturation by 10% instead.

■ 50.2970, 9.7136,
11.1405

■ 50.2970, 9.7136,
11.1405

■ 255.0000, 0.0000,
0.0000

■ 28.8840, 9.4242,
10.6257

■ 97.1230, 10.2924,
12.1701

■ 9.9550, 8.4032,
11.4405

■ 121.9490, 10.8711,
13.1997

■ 0.0000, 0.0000,
0.0000

■ 148.0630, 11.3079,
13.0997

■ 174.7750, 11.4499,
14.2293

■ 202.1880, 11.7393,
14.7441

■ 230.3020, 12.1761,

14.6441

249.1300, 2.8939,
5.1480

50.2970, 9.7136,
11.1405

50.2970, 9.7136,
11.1405

45.5900, 12.0341,
13.5146

55.0040, 7.3930,
8.7665

41.1820, 14.2073,
16.5034

59.4120, 5.2199,
5.7777

36.4750, 16.5278,
18.8774

64.1190, 2.8993,
3.4036

31.7680, 18.8484,
21.2515

68.8260, 0.5788,
1.0296

27.3600, 21.0215,
24.2403

73.2340, -1.5944,
-1.9592

■ 24.1260, 22.6159,
26.1995

■ 77.9410, -3.9149,
-4.3333

■ 82.3490, -6.0881,
-7.3221

■ 87.0560, -8.4086,
-9.6961

■ 91.7630, -10.7292,
-12.0702

Harmonies

Analogous

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



48.5550, 15.0094, -7.5027



50.2970, 9.7136, 11.1405



49.5390, 2.6923, 23.2063

Triad

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



50.2970, 9.7136, 11.1405



47.5490, -16.0467, 13.5505



40.1850, 9.2758, -35.2422

Complementary

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



50.2970, 9.7136, 11.1405



59.7030, -9.7136, -11.1405

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.



37.6600, 2.1396, -33.0278



50.2970, 9.7136, 11.1405



46.1130, -14.8457, 1.6549

Square

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



50.2970, 9.7136, 11.1405



48.3420, -12.0006, 22.5021



43.6210, -8.6872, -13.6996



40.6070, 15.9697, -35.6123

Rectangle

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



50.2970, 9.7136, 11.1405



48.5950, -2.2653, 26.6652



43.6210, -8.6872, -13.6996



39.5010, 6.6550, -34.6424

Sweetspot

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



50.2970, 9.7136, 11.1405



84.0590, 3.9149, 4.3333



47.5290, 11.0782, -6.6029



41.2930, 2.3206, 2.3740



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



50.2970, 9.7136, 11.1405



61.1220, 15.2229, 17.4330



51.4780, 5.1873, 16.2438



33.3530, 1.3050, 1.4444



34.0100, 32.0401, 36.8252



77.9040, 73.5043, 84.2762

Inverse Universe

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



49.7680, -1.3646, 17.7435



60.3070, -2.1234, 27.7948



58.5220, -5.1873, -16.2438



33.3100, -0.1528, 2.3591



32.2230, -4.5469, 58.5634



73.9150, -10.3111, 134.2555

Previews

White Background



This preview shows how the YUV color 50.2970, 9.7136, 11.1405 looks on a white background.

Color Contrast Check

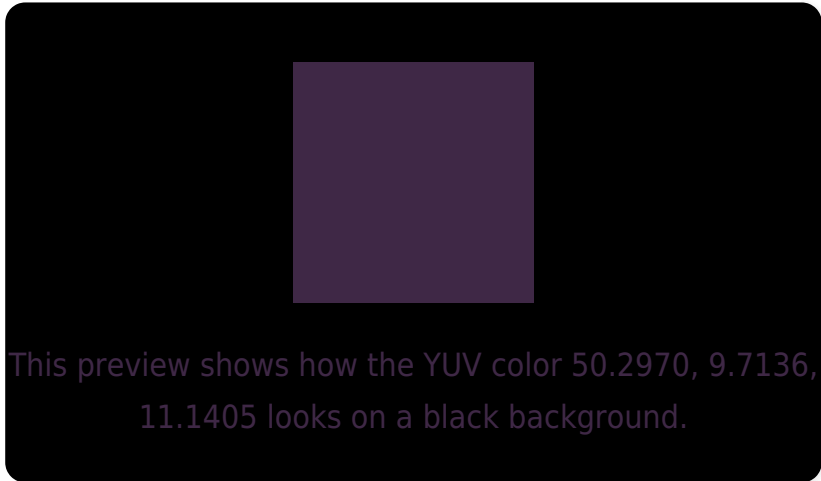
Large Text (above 18pt) WCAG AA ✓ Pass

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

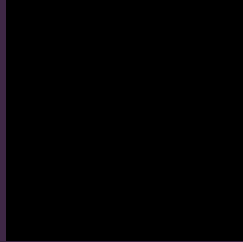
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2970, 9.7136, 11.1405

Background



This preview shows how black text looks on a background with the YUV color 50.2970, 9.7136, 11.1405.



This preview shows how white text looks on a background with the YUV color 50.2970, 9.7136,

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

50.2970, 9.7136, 11.1405

Protanopia

48.3160, 14.1412, -9.0471

Deuteranopia

48.4860, 9.6204, -5.6882



Tritanopia

49.8270, -0.9007, 8.9217

Trichromacy



Original Color

50.2970, 9.7136, 11.1405

Protanomaly

48.9040, 12.3723, -1.6698

Deuteranomaly

49.2310, 9.7461, 0.6744

Tritanomaly

49.8640, 3.0250, 9.7663

Monochromacy



Original Color

50.2970, 9.7136, 11.1405

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2970, 9.7136, 11.1405 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(63, 40, 70)` looks like.

```
.text, #text, p{  
    color:rgb(63, 40, 70)  
}
```

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(63, 40, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 40, 70) }
```

Border

The CSS property to change the border of an element to YUV 50.2970, 9.7136, 11.1405 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(63, 40, 70) }
```


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

```
.border{ border-color:rgb(63, 40, 70) }
```

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

Here you see how a box with a 4 pixel rgb(63, 40, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 40, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 40, 70);  
box-shadow:4px 4px 4px 4px rgb(63, 40, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.2970, 9.7136, 11.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 40, 70) }
```

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

```
.background{ background-color: rgb(63, 40,  
70) }
```

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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