

Converting Colors

YUV(49.6870, 28.2553, -9.3725)

Have a look what the booklet for
YUV(49.6870, 28.2553, -9.3725)
contains.

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Color

**YUV(49.6870, 28.2553,
-9.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	272C6B
RGB	39, 44, 107
RGB Percent	15%, 17%, 42%
CMY	0.8471, 0.8275, 0.5804
CMYK	0.64, 0.59, 0.00, 0.58
HSL	236°, 47%, 29%
HSV	236°, 64%, 42%
XYZ	4.3912, 3.2942, 14.3143
YIQ	49.6870, -23.2030, 18.5330

Conversions

Conversions Part 2

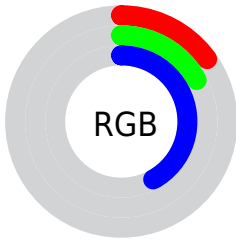
Format	Color
R_{YB}	39, 44, 107
Decimal	2567275
CIE _{Lab}	21.19, 19.13, -37.58
CIE _{LCh}	21, 42.170, 296.976
Yxy	3.2942, 0.1996, 0.1497
Android (android.graphics.Color)	4280757355 (0xFF272C6B)
YUV	49.6870, 28.2553, -9.3725
Hunter-Lab	18.1500, 11.4238, -34.0550

Details

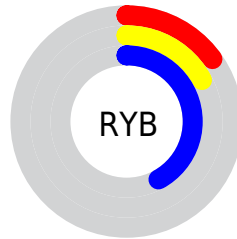
The YUV color **49.6870, 28.2553, -9.3725** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.3130, -28.2553, 9.3725**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8770, 30.1336, -5.1541**, and **6.7260, 25.7711, -5.8987** is the 20% darker color. If you saturate the color by 10%, you get **40.5280, 32.7707, -10.9871**, and if you desaturate by 10%, it is **58.8460, 23.7399, -7.7579**.

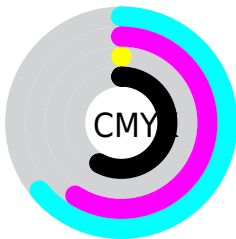
Distribution



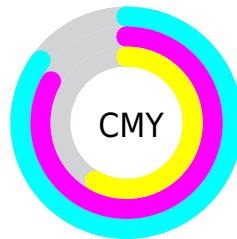
- Red (15%)
- Green (17%)
- Blue (42%)



- Red (15%)
- Yellow (17%)
- Blue (42%)



- Cyan (64%)
- Magenta (59%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6870, 28.2553, -9.3725 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 49.6870, 28.2553, -9.3725 by changing the saturation by 10% instead.

■ 49.6870, 28.2553,
-9.3725

■ 49.6870, 28.2553,
-9.3725

■ 255.0000, 0.0000,
0.0000

■ 25.2300, 27.9876,
-16.8647

■ 97.8770, 30.1336,
-5.1541

■ 6.7260, 25.7711,
-5.8987

■ 123.4040, 30.8598,
-4.7393

■ 5.2780, 15.1459,
-4.6288

■ 149.3440, 31.8754,
-3.8097

■ 1.3680, 5.2416,
-1.1997

■ 176.5720, 32.7490,
-4.0096

■ 0.0000, 0.0000,
0.0000

■ 202.4600, 25.9022,
-1.2804

■ 227.2680, 13.6719,

1.5190

251.4780, 1.7363,
3.0888

49.6870, 28.2553,
-9.3725

49.6870, 28.2553,
-9.3725

40.5280, 32.7707,
-10.9871

58.8460, 23.7399,
-7.7579

31.6680, 37.1387,
-11.9868

67.7060, 19.3719,
-6.7582

22.5090, 41.6541,
-13.6014

76.8650, 14.8566,
-5.1436

16.8940, 44.4223,
-14.8160

86.0240, 10.3412,
-3.5290

95.1830, 5.8258,
-1.9145

■ 103.4560, 1.7472,
-0.3999

■ 112.6150, -2.7682,
1.2146

■ 121.7740, -7.2836,
2.8292

■ 130.6340,
-11.6516, 3.8290

Harmonies

Analogous

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



45.8680, 33.5891, -40.2262



49.6870, 28.2553, -9.3725



50.0680, 17.2215, 29.7584

Triad

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



49.6870, 28.2553, -9.3725



47.1560, -23.2479, 36.6972



42.9260, 2.0085, -37.6461

Complementary

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



49.6870, 28.2553, -9.3725



96.3130, -28.2553, 9.3725

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.



37.8760, -12.2639, -33.2173



49.6870, 28.2553, -9.3725



48.4970, -23.9090, 15.3501

Square

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



49.6870, 28.2553, -9.3725



42.7400, -8.7458, 51.9710



44.5220, -21.9493, -6.5968



46.4600, 15.5492, -40.7454

Rectangle

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



49.6870, 28.2553, -9.3725



44.7560, 10.4733, 47.5720



44.5220, -21.9493, -6.5968



41.0850, -2.5069, -36.0315

Sweetspot

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



49.6870, 28.2553, -9.3725



118.1380, 10.7780, -3.6290



85.9840, 7.4029, -41.2050



57.4110, 6.6994, -2.1144



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



49.6870, 28.2553, -9.3725



50.1930, 44.2749, -14.2013



55.1240, 25.5749, 10.4153



49.2710, 2.3314, -1.1147



18.6210, 48.5008, -16.3306



38.4960, 101.8065, -33.7610

Inverse Universe

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



59.9020, -7.8397, 41.3049



66.4920, -12.5676, 64.4665



90.8760, -25.5749, -10.4153



49.9080, -0.4476, 3.5887



36.0090, -13.3154, 71.0291



75.3070, -28.2524, 148.8208

Previews

White Background



This preview shows how the YUV color 49.6870, 28.2553, -9.3725 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 49.6870, 28.2553, -9.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

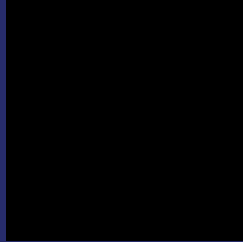
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6870, 28.2553, -9.3725

Background



This preview shows how black text looks on a background with the YUV color 49.6870, 28.2553, -9.3725.



This preview shows how white text looks on a background with the YUV color 49.6870, 28.2553,

-9.3725.

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

49.6870, 28.2553, -9.3725

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

40.7840, 24.2635, -35.7676



Tritanopia

43.4030, 8.6753, -29.2944

Trichromacy



Original Color

49.6870, 28.2553, -9.3725

Protanomaly

43.7450, 30.1987, -26.0864

Deuteranomaly

43.8930, 25.6888, -26.2162

Tritanomaly

45.6950, 15.9264, -21.6575

Monochromacy



Original Color

49.6870, 28.2553, -9.3725

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0240, 10.3412, -3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6870, 28.2553, -9.3725 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(39, 44, 107)` looks like.

```
.text, #text, p{  
    color:rgb(39, 44, 107)  
}
```

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(39, 44, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 44, 107) }
```

Border

The CSS property to change the border of an element to YUV 49.6870, 28.2553, -9.3725 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(39, 44, 107) }
```


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

```
.border{ border-color:rgb(39, 44, 107) }
```

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

Here you see how a box with a 4 pixel rgb(39, 44, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 44, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 44, 107);  
box-shadow:4px 4px 4px 4px rgb(39, 44,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 49.6870, 28.2553, -9.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 44, 107) }
```

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

```
.background{ background-color: rgb(39, 44,  
107) }
```

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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