

Converting Colors

YUV(49.3910, 37.2752, -9.1129)

Have a look what the booklet for
YUV(49.3910, 37.2752, -9.1129)
contains.

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Color

**YUV(49.3910, 37.2752,
-9.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	27287D
RGB	39, 40, 125
RGB Percent	15%, 16%, 49%
CMY	0.8471, 0.8431, 0.5098
CMYK	0.69, 0.68, 0.00, 0.51
HSL	239°, 52%, 32%
HSV	239°, 69%, 49%
XYZ	5.2972, 3.4296, 19.7848
YIQ	49.3910, -27.8810, 26.2230

Conversions

Conversions Part 2

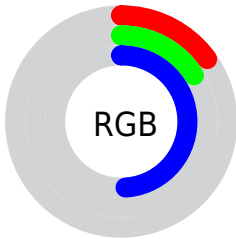
Format	Color
R_{YB}	39, 40, 125
Decimal	2566269
CIE _{Lab}	21.69, 28.54, -48.30
CIE _{LCh}	22, 56.102, 300.577
Yxy	3.4296, 0.1858, 0.1203
Android (android.graphics.Color)	4280756349 (0xFF27287D)
YUV	49.3910, 37.2752, -9.1129
Hunter-Lab	18.5191, 18.6491, -50.3787

Details

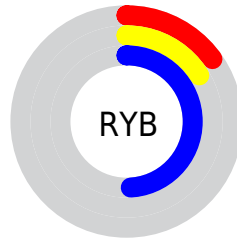
The YUV color **49.3910, 37.2752, -9.1129** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **114.6090, -37.2752, 9.1129**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5920, 39.1481, -3.1502**, and **8.5500, 32.7599, -7.4984** is the 20% darker color. If you saturate the color by 10%, you get **38.7590, 42.5168, -10.3126**, and if you desaturate by 10%, it is **60.3220, 31.8863, -7.2984**.

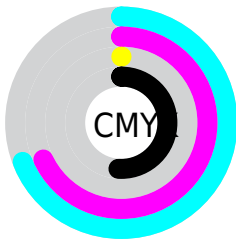
Distribution



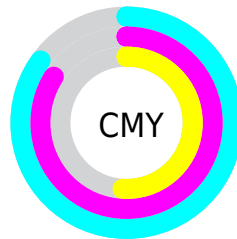
- Red (15%)
- Green (16%)
- Blue (49%)



- Red (15%)
- Yellow (16%)
- Blue (49%)



- Cyan (69%)
- Magenta (68%)
- Yellow (0%)
- Black (51%)



- Cyan (85%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3910, 37.2752, -9.1129 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 49.3910, 37.2752, -9.1129 by changing the saturation by 10% instead.

■ 49.3910, 37.2752,
-9.1129

■ 49.3910, 37.2752,
-9.1129

■ 255.0000, 0.0000,
0.0000

■ 22.4390, 37.7446,
-19.6790

■ 99.5920, 39.1481,
-3.1502

■ 8.5500, 32.7599,
-7.4984

■ 124.8310, 40.0163,
-1.6058

■ 8.1620, 21.1191,
-7.1581

■ 151.1840, 41.3213,
-0.1614

■ 4.4800, 12.0884,
-3.9290

■ 177.6850, 38.1163,
1.1533

■ 0.0000, 0.0000,
0.0000

■ 202.2050, 26.0279,
5.0822

■ 227.3120, 13.6502,

8.4964

249.1300, 2.8939,
5.1480

49.3910, 37.2752,
-9.1129

49.3910, 37.2752,
-9.1129

38.7590, 42.5168,
-10.3126

60.3220, 31.8863,
-7.2984

27.2410, 48.1952,
-11.6124

71.5410, 26.3553,
-6.6135

16.6090, 53.4368,
-12.8121

82.4720, 20.9663,
-4.7989

14.8370, 54.3104,
-13.0120

93.1040, 15.7247,
-3.5992

104.6220, 10.0464,
-2.2995

■ 115.2540, 4.8048,
-1.0998

■ 125.8860, -0.4368,
0.1000

■ 137.4040, -6.1152,
1.3997

■ 148.3350,
-11.5042, 3.2142

Harmonies

Analogous

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



49.6640, 43.0566, -43.5553



49.3910, 37.2752, -9.1129



40.3170, 26.4657, 51.4650

Triad

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



49.3910, 37.2752, -9.1129



46.9010, -23.1222, 43.0598



45.8440, 3.0349, -40.2052

Complementary

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



49.3910, 37.2752, -9.1129



114.6090, -37.2752, 9.1129

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.



39.0840, -17.7894, -34.2767



49.3910, 37.2752, -9.1129



49.0730, -24.1930, 13.0910

Square

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



49.3910, 37.2752, -9.1129



36.0520, -11.8576, 70.1144



41.4880, -20.4536, -19.7220



50.6320, 21.3804, -44.4043

Rectangle

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



49.3910, 37.2752, -9.1129



42.3220, 12.1663, 64.6156



41.4880, -20.4536, -19.7220



43.5470, -3.2277, -38.1907

Sweetspot

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



49.3910, 37.2752, -9.1129



132.8760, 14.8511, -3.3993



99.1720, 12.2402, -52.7708



63.3940, 9.1728, -2.0995



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



49.3910, 37.2752, -9.1129



43.9770, 58.6783, -14.0118



61.3620, 31.3735, 17.2225



57.7980, 3.0576, -0.6998



15.1790, 55.6208, -13.3120



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.8280, -12.2402, 52.7708



68.4790, -19.4631, 82.8949



102.6380, -31.3735, -17.2225



59.0930, -1.0318, 4.3034



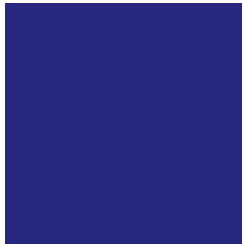
38.3860, -18.4313, 78.5915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 49.3910, 37.2752, -9.1129 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 49.3910, 37.2752, -9.1129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

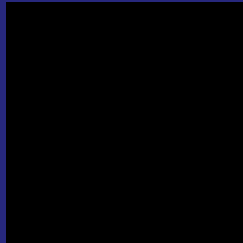
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3910, 37.2752, -9.1129

Background



This preview shows how black text looks on a background with the YUV color 49.3910, 37.2752, -9.1129.



This preview shows how white text looks on a background with the YUV color 49.3910, 37.2752, -9.1129.

-9.1129.

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

49.3910, 37.2752, -9.1129

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

42.0720, 24.1215, -36.8971



Tritanopia

41.1140, 10.2968, -36.0570

Trichromacy



Original Color

49.3910, 37.2752, -9.1129

Protanomaly

44.0700, 33.9825, -26.3714

Deuteranomaly

44.6910, 28.7463, -26.9160

Tritanomaly

43.8130, 20.3052, -26.1460

Monochromacy



Original Color

49.3910, 37.2752, -9.1129

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2350, 13.6881, -3.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3910, 37.2752, -9.1129 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, 40, 125)` looks like.

```
.text, #text, p{  
    color:rgb(39, 40, 125)  
}
```

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, 40, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 40, 125) }
```

Border

The CSS property to change the border of an element to YUV 49.3910, 37.2752, -9.1129 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, 40, 125) }
```


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

```
.border{ border-color:rgb(39, 40, 125) }
```

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

Here you see how a box with a 4 pixel rgb(39, 40, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 40, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 40, 125);  
box-shadow:4px 4px 4px 4px rgb(39, 40,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 49.3910, 37.2752, -9.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 40, 125) }
```

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

```
.background{ background-color: rgb(39, 40,  
125) }
```

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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