

Converting Colors

YUV(49.0870, 14.7471,
-16.7393)

Have a look what the booklet for
YUV(49.0870, 14.7471, -16.7393)
contains.

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Color

**YUV(49.0870, 14.7471,
-16.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	1E354F
RGB	30, 53, 79
RGB Percent	12%, 21%, 31%
CMY	0.8824, 0.7922, 0.6902
CMYK	0.62, 0.33, 0.00, 0.69
HSL	212°, 45%, 21%
HSV	212°, 62%, 31%
XYZ	3.2198, 3.3867, 7.8811
YIQ	49.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

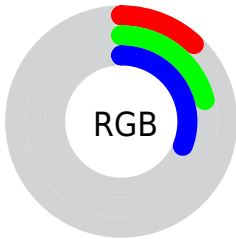
Format	Color
R_{YB}	30, 46, 79
Decimal	1979727
CIE _{Lab}	21.53, 0.01, -18.64
CIE _{LCh}	22, 18.642, 270.042
Yxy	3.3867, 0.2222, 0.2338
Android (android.graphics.Color)	4280169807 (0xFF1E354F)
YUV	49.0870, 14.7471, -16.7393
Hunter-Lab	18.4031, -0.9750, -12.5088

Details

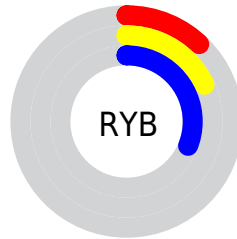
The YUV color **49.0870, 14.7471, -16.7393** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **59.9130, -14.7471, 16.7393**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.3260, 15.6153, -15.1949**, and **8.0990, 13.2622, -7.1028** is the 20% darker color. If you saturate the color by 10%, you get **44.3470, 17.0839, -19.5983**, and if you desaturate by 10%, it is **53.8270, 12.4103, -13.8803**.

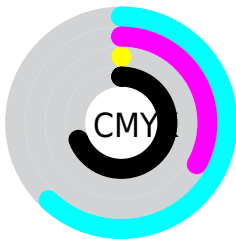
Distribution



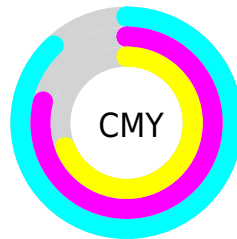
- Red (12%)
- Green (21%)
- Blue (31%)



- Red (12%)
- Yellow (18%)
- Blue (31%)



- Cyan (62%)
- Magenta (33%)
- Yellow (0%)
- Black (69%)



- Cyan (88%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0870, 14.7471, -16.7393 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 49.0870, 14.7471, -16.7393 by changing the saturation by 10% instead.

■ 49.0870, 14.7471,
-16.7393

■ 49.0870, 14.7471,
-16.7393

■ 255.0000, 0.0000,
0.0000

■ 26.0650, 14.7580,
-20.2280

■ 96.3260, 15.6153,
-15.1949

■ 8.0990, 13.2622,
-7.1028

■ 121.4400, 16.0521,
-15.2949

■ 1.1400, 4.3680,
-0.9998

■ 147.2550, 16.6363,
-16.0096

■ 0.0000, 0.0000,
0.0000

■ 174.3690, 17.0731,
-16.1096

■ 201.4830, 17.5099,
-16.2096

■ 228.3430, 13.1419,

-15.2098

250.5150, 2.2111,
-9.2217

49.0870, 14.7471,
-16.7393

49.0870, 14.7471,
-16.7393

44.3470, 17.0839,
-19.5983

53.8270, 12.4103,
-13.8803

39.6070, 19.4207,
-22.4573

58.5670, 10.0735,
-11.0213

34.2800, 22.0470,
-24.8016

63.8940, 7.4473,
-8.6770

30.7250, 23.7996,
-26.9458

68.6340, 5.1104,
-5.8180

73.3740, 2.7736,
-2.9590

■ 77.8150, 0.5842,
-0.7148

■ 82.5550, -1.7526,
2.1443

■ 87.8820, -4.3788,
4.4885

■ 92.6220, -6.7156,
7.3475

Harmonies

Analogous

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



42.0090, 16.2646, -36.8419



49.0870, 14.7471, -16.7393



52.5730, 11.0565, 0.3745

Triad

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



49.0870, 14.7471, -16.7393



52.1230, -6.4696, 21.8171



46.9350, -4.8980, -15.7290

Complementary

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



49.0870, 14.7471, -16.7393



59.9130, -14.7471, 16.7393

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.



49.1170, -10.9037, -2.7336



49.0870, 14.7471, -16.7393



51.4230, -11.5475, 17.1690

Square

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



49.0870, 14.7471, -16.7393



53.0180, -0.5019, 21.0322



50.6130, -13.1202, 8.2324



42.2410, 4.3182, -31.7834

Rectangle

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



49.0870, 14.7471, -16.7393



53.4170, 7.6824, 9.2813



50.6130, -13.1202, 8.2324



47.6860, -7.2402, -11.1256

Sweetspot

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



49.0870, 14.7471, -16.7393



90.4490, 5.6946, -6.5328



61.6130, -3.2602, -27.7246



43.8900, 3.5052, -4.2885



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



49.0870, 14.7471, -16.7393



56.0950, 22.6312, -25.5163



35.8850, 21.2557, -4.2841



35.6300, 1.1684, -1.4295



39.8040, 30.6626, -34.9081



89.6160, 69.2093, -78.5932

Inverse Universe

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



47.2730, 2.8234, 27.8246



53.4150, 4.2324, 42.6090



73.1150, -21.2557, 4.2841



35.4240, 0.2840, 2.2592



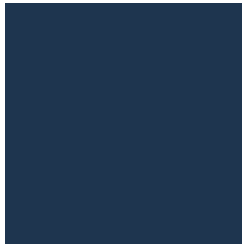
35.9700, 5.9308, 57.9083



81.0820, 13.2706, 130.6011

Previews

White Background



This preview shows how the YUV color 49.0870, 14.7471, -16.7393 looks on a white background.

Color Contrast Check

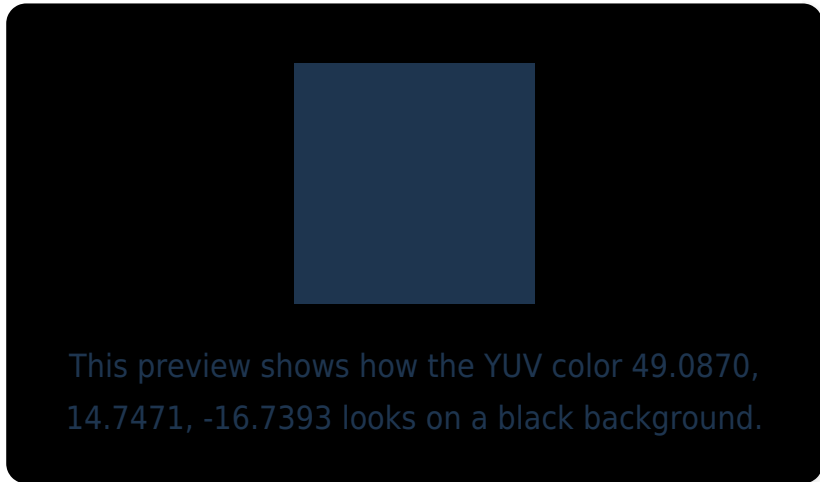
Large Text (above 18pt) WCAG AA ✓ Pass

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

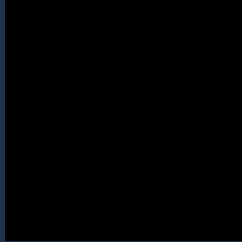
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

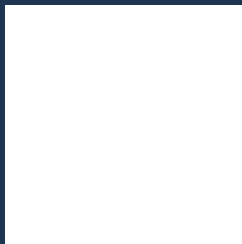
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.0870, 14.7471, -16.7393

Background



This preview shows how black text looks on a background with the YUV color 49.0870, 14.7471, -16.7393.



This preview shows how white text looks on a background with the YUV color 49.0870, 14.7471, -16.7393.

-16.7393.

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

49.0870, 14.7471, -16.7393

Protanopia

51.5720, 12.5360, -7.5176

Deuteranopia

50.8920, 13.8572, -11.3063



Tritanopia

46.6920, 7.0538, -22.5319

Trichromacy



Original Color

49.0870, 14.7471, -16.7393

Protanomaly

50.7780, 13.4204, -11.2063

Deuteranomaly

49.9950, 14.2995, -13.1506

Tritanomaly

47.8000, 9.9586, -20.8726

Monochromacy



Original Color

49.0870, 14.7471, -16.7393

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0870, 14.7471, -16.7393 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(30, 53, 79)` looks like.

```
.text, #text, p{  
    color:rgb(30, 53, 79)  
}
```

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(30, 53, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 53, 79) }
```

Border

The CSS property to change the border of an element to YUV 49.0870, 14.7471, -16.7393 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(30, 53, 79) }
```


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

```
.border{ border-color:rgb(30, 53, 79) }
```

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

Here you see how a box with a 4 pixel rgb(30, 53, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 53, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 53, 79);  
box-shadow:4px 4px 4px 4px rgb(30, 53, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0870, 14.7471, -16.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 53, 79) }
```

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

```
.background{ background-color: rgb(30, 53,  
79) }
```

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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