

Converting Colors

YUV(49.8540, 14.8620, -6.8880)

Have a look what the booklet for
YUV(49.8540, 14.8620, -6.8880)
contains.

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Color

**YUV(49.8540, 14.8620,
-6.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3050
RGB	42, 48, 80
RGB Percent	16%, 19%, 31%
CMY	0.8353, 0.8118, 0.6863
CMYK	0.48, 0.40, 0.00, 0.69
HSL	231°, 31%, 24%
HSV	231°, 48%, 31%
XYZ	3.4598, 3.1853, 8.0219
YIQ	49.8540, -13.8480, 8.6800

Conversions

Conversions Part 2

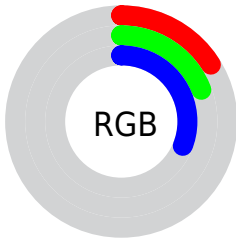
Format	Color
RYB	42, 47, 80
Decimal	2764880
CIELab	20.77, 7.21, -20.44
CIELCh	21, 21.678, 289.424
Yxy	3.1853, 0.2359, 0.2172
Android (android.graphics.Color)	4280954960 (0xFF2A3050)
YUV	49.8540, 14.8620, -6.8880
Hunter-Lab	17.8475, 3.3694, -14.1558

Details

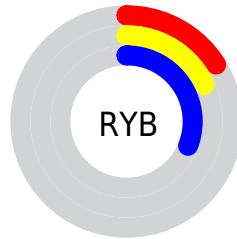
The YUV color **49.8540, 14.8620, -6.8880** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **72.1460, -14.8620, 6.8880**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.7940, 15.8776, -5.9583**, and **4.1040, 15.7247, -3.5992** is the 20% darker color. If you saturate the color by 10%, you get **43.3530, 18.0670, -8.2026**, and if you desaturate by 10%, it is **56.3550, 11.6570, -5.5733**.

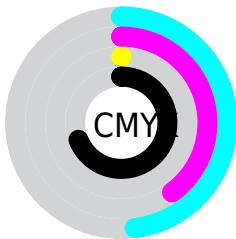
Distribution



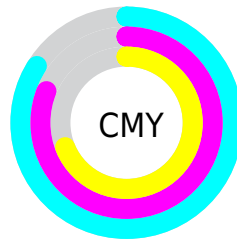
- Red (16%)
- Green (19%)
- Blue (31%)



- Red (16%)
- Yellow (18%)
- Blue (31%)



- Cyan (48%)
- Magenta (40%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8540, 14.8620, -6.8880 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 49.8540, 14.8620, -6.8880 by changing the saturation by 10% instead.

■ 49.8540, 14.8620,
-6.8880

■ 49.8540, 14.8620,
-6.8880

■ 255.0000, 0.0000,
0.0000

■ 28.0280, 14.2832,
-7.9176

■ 96.7940, 15.8776,
-5.9583

■ 4.1040, 15.7247,
-3.5992

■ 121.4350, 17.0405,
-5.6435

■ 1.2540, 4.8048,
-1.0998

■ 147.4350, 17.0405,
-5.6435

■ 0.0000, 0.0000,
0.0000

■ 174.2500, 17.6247,
-6.3582

■ 201.6630, 17.9141,
-5.8435

■ 228.4090, 13.1094,

-4.7437

253.5160, 0.7316,
-1.3295

49.8540, 14.8620,
-6.8880

49.8540, 14.8620,
-6.8880

43.3530, 18.0670,
-8.2026

56.3550, 11.6570,
-5.5733

37.4390, 20.9826,
-10.0320

62.2690, 8.7414,
-3.7439

30.9380, 24.1876,
-11.3466

68.7700, 5.5364,
-2.4293

24.4370, 27.3926,
-12.6612

75.2710, 2.3314,
-1.1147

17.9360, 30.5976,
-13.9759

81.7720, -0.8736,
0.2000

■ 16.7510, 31.1818,
-14.6906

■ 87.6860, -3.7892,
2.0294

■ 94.1870, -6.9942,
3.3440

■ 100.6880,
-10.1992, 4.6586

■ 107.1890,
-13.4042, 5.9732

Harmonies

Analogous

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



40.9430, 19.7481, -34.1530



49.8540, 14.8620, -6.8880



51.8840, 9.4242, 10.6257

Triad

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



49.8540, 14.8620, -6.8880



49.4560, -11.5638, 22.4021



39.3610, 2.2870, -33.6426

Complementary

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



49.8540, 14.8620, -6.8880



72.1460, -14.8620, 6.8880

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.



45.4470, -8.1084, -12.6700



49.8540, 14.8620, -6.8880



48.7770, -15.1731, 13.3506

Square

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



49.8540, 14.8620, -6.8880



50.1990, -5.0281, 26.1355



47.3410, -13.9721, 1.4549



40.8860, 9.4232, -35.8570

Rectangle

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



49.8540, 14.8620, -6.8880



51.5000, 5.1765, 19.7325



47.3410, -13.9721, 1.4549



41.9770, -1.9607, -24.5358

Sweetspot

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



49.8540, 14.8620, -6.8880



92.8840, 5.9732, -2.5293



67.9540, 2.9807, -22.7617



46.3140, 3.7892, -2.0294



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



49.8540, 14.8620, -6.8880



57.1230, 23.6034, -10.6319



50.2190, 14.6820, 4.1929



37.4560, 1.7472, -0.3999



21.9490, 40.9441, -19.2493



48.1670, 90.6297, -42.2425

Inverse Universe

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



54.0460, -2.9807, 22.7617



63.9660, -4.9132, 35.9868



71.7810, -14.6820, -4.1929



38.1960, -0.5896, 2.4591



33.3330, -8.0522, 62.8520



73.5860, -18.0369, 138.9291

Previews

White Background



This preview shows how the YUV color 49.8540, 14.8620, -6.8880 looks on a white background.

Color Contrast Check

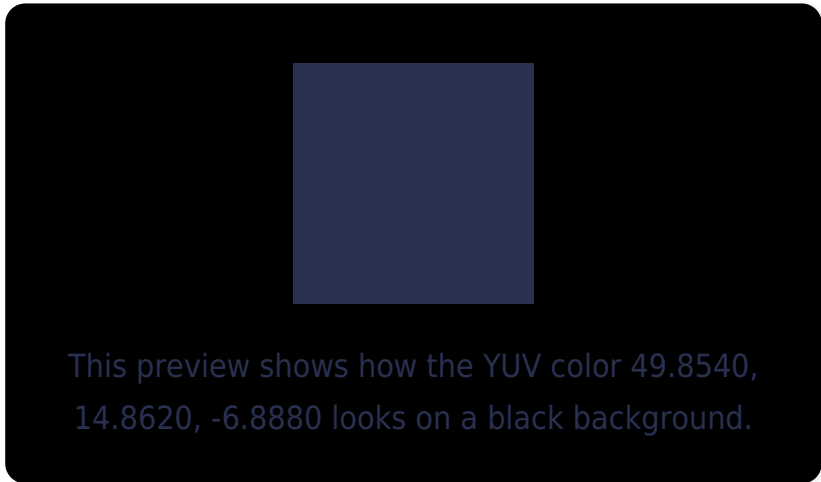
Large Text (above 18pt) WCAG AA ✓ Pass

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

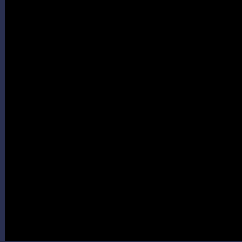
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.8540, 14.8620, -6.8880

Background



This preview shows how black text looks on a background with the YUV color 49.8540, 14.8620, -6.8880.



This preview shows how white text looks on a background with the YUV color 49.8540, 14.8620,

-6.8880.

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

49.8540, 14.8620, -6.8880

Protanopia

49.3590, 15.5990, -9.9618

Deuteranopia

48.3370, 15.6099, -13.4505



Tritanopia

48.0740, 4.4005, -11.4659

Trichromacy



Original Color

49.8540, 14.8620, -6.8880

Protanomaly

49.6580, 15.4516, -9.3471

Deuteranomaly

48.6470, 15.4570, -11.0914

Tritanomaly

48.7090, 8.0315, -9.3918

Monochromacy



Original Color

49.8540, 14.8620, -6.8880

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8540, 14.8620, -6.8880 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(42, 48, 80)` looks like.

```
.text, #text, p{  
    color:rgb(42, 48, 80)  
}
```

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(42, 48, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 48, 80) }
```

Border

The CSS property to change the border of an element to YUV 49.8540, 14.8620, -6.8880 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(42, 48, 80) }
```


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

```
.border{ border-color:rgb(42, 48, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 48, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 48, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 48, 80);  
box-shadow:4px 4px 4px 4px rgb(42, 48, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.8540, 14.8620, -6.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 48, 80) }
```

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

```
.background{ background-color: rgb(42, 48,  
80) }
```

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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