

Converting Colors

YUV(49.7740, 9.4784, -6.8178)

Have a look what the booklet for
YUV(49.7740, 9.4784, -6.8178)
contains.

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Color

**YUV(49.7740, 9.4784,
-6.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3245
RGB	42, 50, 69
RGB Percent	16%, 20%, 27%
CMY	0.8353, 0.8039, 0.7294
CMYK	0.39, 0.28, 0.00, 0.73
HSL	222°, 24%, 22%
HSV	222°, 39%, 27%
XYZ	3.1696, 3.2031, 6.0814
YIQ	49.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

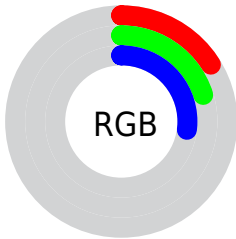
Format	Color
RYB	42, 48, 69
Decimal	2765381
CIELab	20.84, 2.15, -12.93
CIELCh	21, 13.111, 279.425
Yxy	3.2031, 0.2545, 0.2572
Android (android.graphics.Color)	4280955461 (0xFF2A3245)
YUV	49.7740, 9.4784, -6.8178
Hunter-Lab	17.8973, 0.2924, -7.6185

Details

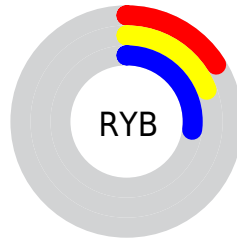
The YUV color **49.7740, 9.4784, -6.8178** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.2260, -9.4784, 6.8178**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.0020, 10.3520, -7.0178**, and **4.7250, 10.4886, -4.1438** is the 20% darker color. If you saturate the color by 10%, you get **44.7460, 11.9572, -8.5472**, and if you desaturate by 10%, it is **54.8020, 6.9996, -5.0884**.

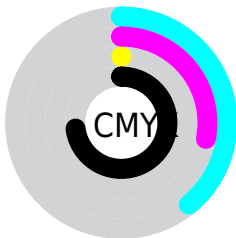
Distribution



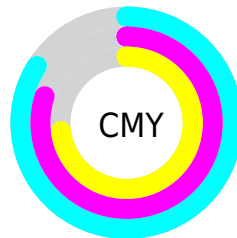
- Red (16%)
- Green (20%)
- Blue (27%)



- Red (16%)
- Yellow (19%)
- Blue (27%)



- Cyan (39%)
- Magenta (28%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.7740, 9.4784, -6.8178 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 49.7740, 9.4784, -6.8178 by changing the saturation by 10% instead.

■ 49.7740, 9.4784,
-6.8178

■ 49.7740, 9.4784,
-6.8178

■ 255.0000, 0.0000,
0.0000

■ 28.3610, 9.1890,
-7.3326

■ 96.0020, 10.3520,
-7.0178

■ 4.7250, 10.4886,
-4.1438

■ 121.1160, 10.7888,
-7.1177

■ 0.0000, 0.0000,
0.0000

■ 147.1160, 10.7888,
-7.1177

■ 173.3440, 11.6624,
-7.3177

■ 200.7570, 11.9518,
-6.8029

■ 228.4580, 12.0992,

-7.4177

253.2060, 0.8844,
-3.6887

49.7740, 9.4784,
-6.8178

49.7740, 9.4784,
-6.8178

44.7460, 11.9572,
-8.5472

54.8020, 6.9996,
-5.0884

39.7180, 14.4360,
-10.2767

59.8300, 4.5208,
-3.3589

34.6900, 16.9148,
-12.0061

64.8580, 2.0420,
-1.6295

30.2490, 19.1042,
-14.2504

69.2990, -0.1474,
0.6148

25.5200, 21.4356,
-15.3650

74.3270, -2.6262,
2.3442

■ 20.4920, 23.9144,
-17.0945

■ 79.0560, -4.9576,
3.4589

■ 19.6060, 24.3512,
-17.1945

■ 84.0840, -7.4364,
5.1883

■ 89.1120, -9.9152,
6.9178

■ 94.1400, -12.3940,
8.6472

Harmonies

Analogous

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



47.2350, 10.2371, -16.8691



49.7740, 9.4784, -6.8178



51.4440, 6.6831, 3.1186

Triad

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



49.7740, 9.4784, -6.8178



50.4920, -6.1586, 15.3545



46.7550, -1.8512, -12.9401

Complementary

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



49.7740, 9.4784, -6.8178



61.2260, -9.4784, 6.8178

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.



47.9580, -6.3883, -4.3482



49.7740, 9.4784, -6.8178



50.0740, -8.9105, 11.3361

Square

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



49.7740, 9.4784, -6.8178



51.2300, -2.0854, 15.5843



49.6170, -9.1782, 3.8439



44.9050, 3.9908, -20.0877

Rectangle

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



49.7740, 9.4784, -6.8178



51.7930, 4.0461, 8.9515



49.6170, -9.1782, 3.8439



47.0220, -3.4618, -9.6663

Sweetspot

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



49.7740, 9.4784, -6.8178



81.9010, 3.4998, -2.5442



60.0150, 0.4856, -15.7992



40.9720, 2.4788, -1.7294



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.



49.7740, 9.4784, -6.8178



59.4190, 14.5834, -10.8915



46.5730, 11.0565, 0.3745



33.0430, 1.4578, -0.9147



28.3090, 34.8507, -24.8270



65.2070, 79.7639, -57.1865

Inverse Universe

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



50.9850, -0.4856, 15.7992



61.0400, -0.5127, 24.5209



64.4270, -11.0565, -0.3745



33.3100, -0.1528, 2.3591



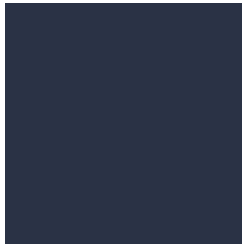
32.9070, -1.9262, 57.9636



75.5110, -4.1959, 132.8559

Previews

White Background



This preview shows how the YUV color 49.7740, 9.4784, -6.8178 looks on a white background.

Color Contrast Check

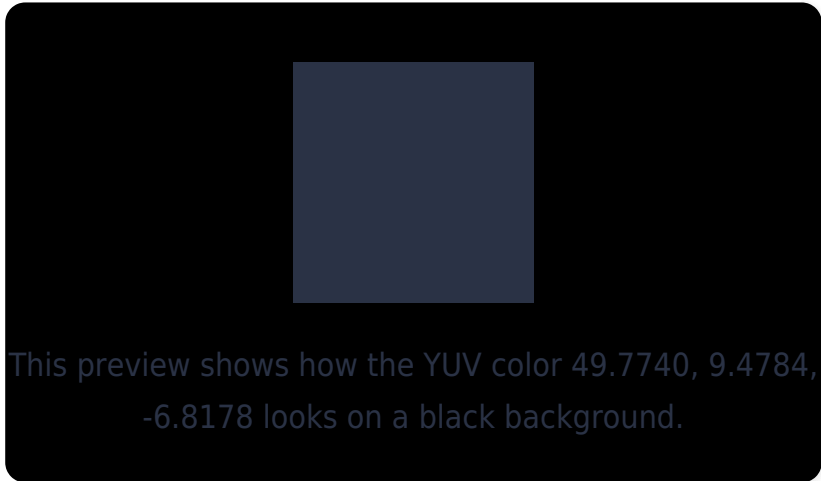
Large Text (above 18pt) WCAG AA ✓ Pass

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

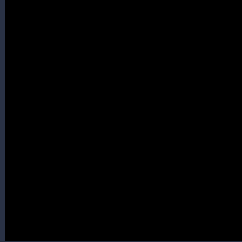
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

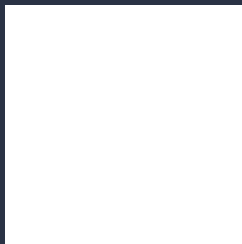
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.7740, 9.4784, -6.8178

Background



This preview shows how black text looks on a background with the YUV color 49.7740, 9.4784, -6.8178.



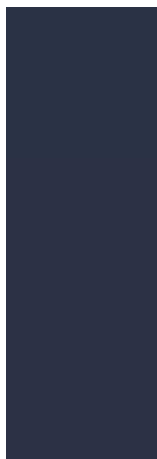
This preview shows how white text looks on a background with the YUV color 49.7740, 9.4784, -6.8178.

-6.8178.

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

49.7740, 9.4784, -6.8178

Protanopia

49.7850, 9.4730, -5.0734

Deuteranopia

49.7850, 9.4730, -5.0734



Tritanopia

48.6830, 4.1003, -8.4920

Trichromacy



Original Color

49.7740, 9.4784, -6.8178

Protanomaly

49.4860, 9.6204, -5.6882

Deuteranomaly

49.4860, 9.6204, -5.6882

Tritanomaly

48.8510, 5.9895, -7.7623

Monochromacy



Original Color

49.7740, 9.4784, -6.8178

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7740, 9.4784, -6.8178 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, 50, 69)` looks like.

```
.text, #text, p{  
    color:rgb(42, 50, 69)  
}
```

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, 50, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 50, 69) }
```

Border

The CSS property to change the border of an element to YUV 49.7740, 9.4784, -6.8178 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, 50, 69) }
```


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

```
.border{ border-color:rgb(42, 50, 69) }
```

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

Here you see how a box with a 4 pixel rgb(42, 50, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 50, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 50, 69);  
box-shadow:4px 4px 4px 4px rgb(42, 50, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.7740, 9.4784, -6.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 50, 69) }
```

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

```
.background{ background-color: rgb(42, 50,  
69) }
```

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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