

Converting Colors

YUV(49.4140, -4.6411, -4.7481)

Have a look what the booklet for
YUV(49.4140, -4.6411, -4.7481)
contains.

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Color

**YUV(49.4140, -4.6411,
-4.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3628
RGB	44, 54, 40
RGB Percent	17%, 21%, 16%
CMY	0.8275, 0.7882, 0.8431
CMYK	0.19, 0.00, 0.26, 0.79
HSL	103°, 15%, 18%
HSV	103°, 26%, 21%
XYZ	2.7409, 3.3270, 2.5052
YIQ	49.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

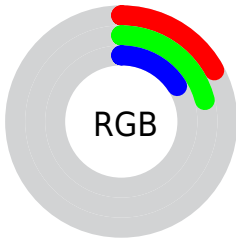
Format	Color
RYB	40, 54, 50
Decimal	2897448
CIELab	21.31, -7.49, 7.44
CIELCh	21, 10.555, 135.170
Yxy	3.3270, 0.3197, 0.3881
Android (android.graphics.Color)	4281087528 (0xFF2C3628)
YUV	49.4140, -4.6411, -4.7481
Hunter-Lab	18.2401, -5.0976, 4.6248

Details

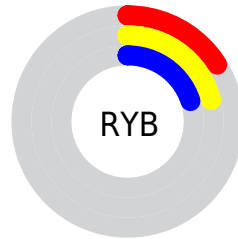
The YUV color **49.4140, -4.6411, -4.7481** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.5860, 4.6411, 4.7481**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8870, -5.3673, -5.1629**, and **5.2830, -2.6045, -4.6332** is the 20% darker color. If you saturate the color by 10%, you get **47.6480, -6.2355, -6.7073**, and if you desaturate by 10%, it is **51.1800, -3.0467, -2.7889**.

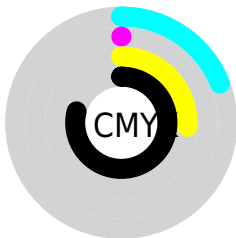
Distribution



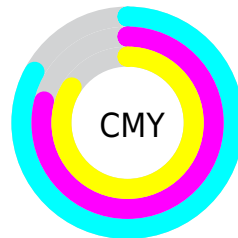
- Red (17%)
- Green (21%)
- Blue (16%)



- Red (16%)
- Yellow (21%)
- Blue (20%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (79%)



- Cyan (83%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.4140, -4.6411, -4.7481 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 49.4140, -4.6411, -4.7481 by changing the saturation by 10% instead.

■ 49.4140, -4.6411,
-4.7481

■ 49.4140, -4.6411,
-4.7481

255.0000, 0.0000,
0.0000

■ 28.5280, -4.2043,
-4.8481

■ 95.8870, -5.3673,
-5.1629

■ 5.2830, -2.6045,
-4.6332

■ 120.4740, -5.6567,
-5.6777

■ 0.0000, 0.0000,
0.0000

■ 146.4740, -5.6567,
-5.6777

■ 172.4740, -5.6567,
-5.6777

■ 200.0610, -5.9461,
-6.1925

■ 228.0610, -5.9461,

-6.1925

■ 252.2510, -4.0677,
-1.9741

■ 49.4140, -4.6411,
-4.7481

■ 49.4140, -4.6411,
-4.7481

■ 47.6480, -6.2355,
-6.7073

■ 51.1800, -3.0467,
-2.7889

■ 45.7680, -8.2666,
-8.5665

■ 53.0600, -1.0156,
-0.9296

■ 44.0020, -9.8610,
-10.5258

■ 54.8260, 0.5788,
1.0296

■ 42.4210, -12.0396,
-11.7702

■ 56.4070, 2.7573,
2.2741

■ 40.6550, -13.6339,
-13.7294

■ 58.1730, 4.3517,
4.2333

■ 38.8890, -15.2283,
-15.6887

■ 59.9390, 5.9461,
6.1925

■ 37.0090, -17.2594,
-17.5479

■ 61.8190, 7.9772,
8.0517

■ 36.1830, -17.8382,
-18.5775

■ 63.5850, 9.5716,
10.0110

■ 65.4650, 11.6028,
11.8702

Harmonies

Analogous

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



50.4750, -7.1362, 2.2144



49.4140, -4.6411, -4.7481



48.1080, -0.5462, -11.4957

Triad

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



49.4140, -4.6411, -4.7481



49.6980, 8.0369, -11.1361



52.3930, -2.6587, 12.8103

Complementary

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



49.4140, -4.6411, -4.7481



44.5860, 4.6411, 4.7481

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.



52.4080, 1.2779, 10.1662



49.4140, -4.6411, -4.7481



51.5140, 7.1416, -3.9588

Square

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



49.4140, -4.6411, -4.7481



48.0240, 6.8902, -16.6840



52.2870, 4.7885, 4.1333



51.8830, -5.8583, 12.3806

Rectangle

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



49.4140, -4.6411, -4.7481



48.0690, 1.9380, -14.9695



52.2870, 4.7885, 4.1333



52.7350, -1.3484, 12.5104

Sweetspot

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



49.4140, -4.6411, -4.7481



69.2340, -1.5944, -1.9592



50.0560, -4.9576, 3.4589



34.6470, -1.3050, -1.4444



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



49.4140, -4.6411, -4.7481



64.0070, -7.3985, -7.0221



48.5600, -2.7411, -7.5071



27.0600, -1.0156, -0.9296



61.7780, -30.4566, -31.3773



147.3900, -72.6633, -74.0100

Inverse Universe

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



44.5860, 4.6411, 4.7481



56.2920, 7.2510, 7.6369



45.4400, 2.7411, 7.5071



25.9400, 1.0156, 0.9296



30.2220, 30.4566, 31.3773



71.9090, 72.5159, 74.6248

Previews

White Background



This preview shows how the YUV color 49.4140, -4.6411, -4.7481 looks on a white background.

Color Contrast Check

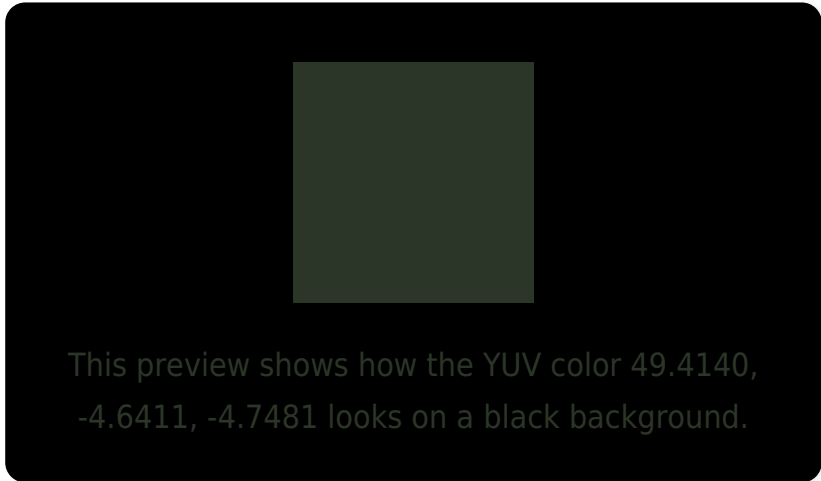
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4140, -4.6411, -4.7481

Background



This preview shows how black text looks on a background with the YUV color 49.4140, -4.6411, -4.7481.



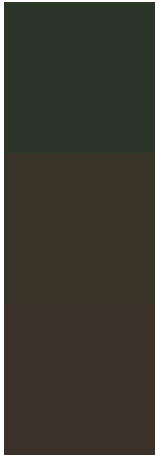
This preview shows how white text looks on a background with the YUV color 49.4140, -4.6411, -4.7481.

-4.7481.

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

49.4140, -4.6411, -4.7481

Protanopia

50.8280, -5.8312, 3.6588

Deuteranopia

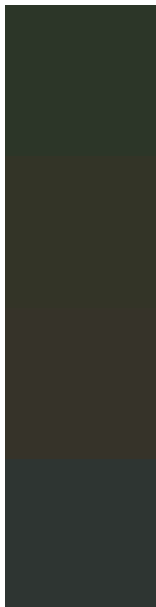
51.0780, -4.9685, 6.9476



Tritanopia

50.9610, 2.4842, -3.4738

Trichromacy



Original Color

49.4140, -4.6411, -4.7481

Protanomaly

50.2190, -5.5310, 0.6849

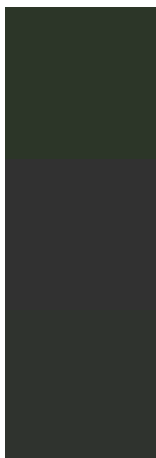
Deuteranomaly

50.7570, -4.8102, 2.8441

Tritanomaly

50.5650, -0.2785, -4.0035

Monochromacy



Original Color

49.4140, -4.6411, -4.7481

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2340, -1.5944, -1.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.4140, -4.6411, -4.7481 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(44, 54, 40)` looks like.

```
.text, #text, p{  
    color:rgb(44, 54, 40)  
}
```

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(44, 54, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 54, 40) }
```

Border

The CSS property to change the border of an element to YUV 49.4140, -4.6411, -4.7481 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(44, 54, 40) }
```


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

```
.border{ border-color:rgb(44, 54, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 54, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 54, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 54, 40);  
box-shadow:4px 4px 4px 4px rgb(44, 54, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.4140, -4.6411, -4.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 54, 40) }
```

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

```
.background{ background-color: rgb(44, 54,  
40) }
```

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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