

Converting Colors

YUV(49.3880, 8.1897, -13.4953)

Have a look what the booklet for
YUV(49.3880, 8.1897, -13.4953)
contains.

YUV(49.3880, 8.1897, -13.4953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.3880, 8.1897,
-13.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	223642
RGB	34, 54, 66
RGB Percent	13%, 21%, 26%
CMY	0.8667, 0.7882, 0.7412
CMYK	0.48, 0.18, 0.00, 0.74
HSL	202°, 32%, 20%
HSV	202°, 48%, 26%
XYZ	2.9622, 3.3718, 5.6489
YIQ	49.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

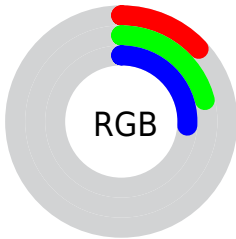
Format	Color
R_{YB}	34, 46, 66
Decimal	2242114
CIE _{Lab}	21.48, -4.18, -9.98
CIE _{LCh}	21, 10.822, 247.265
Yxy	3.3718, 0.2472, 0.2814
Android (android.graphics.Color)	4280432194 (0xFF223642)
YUV	49.3880, 8.1897, -13.4953
Hunter-Lab	18.3624, -3.3384, -5.3862

Details

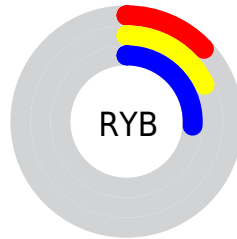
The YUV color **49.3880, 8.1897, -13.4953** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.6120, -8.1897, 13.4953**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2030, 8.7739, -14.2100**, and **8.6060, 7.5892, -7.5475** is the 20% darker color. If you saturate the color by 10%, you get **46.1210, 9.8003, -16.7691**, and if you desaturate by 10%, it is **52.6550, 6.5791, -10.2214**.

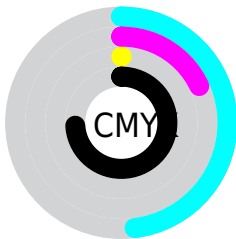
Distribution



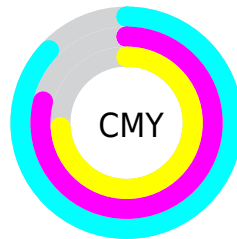
- Red (13%)
- Green (21%)
- Blue (26%)



- Red (13%)
- Yellow (18%)
- Blue (26%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (74%)



- Cyan (87%)
- Magenta (79%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3880, 8.1897, -13.4953 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 49.3880, 8.1897, -13.4953 by changing the saturation by 10% instead.

■ 49.3880, 8.1897,
-13.4953

■ 49.3880, 8.1897,
-13.4953

255.0000, 0.0000,
0.0000

■ 27.9750, 7.9003,
-14.0101

■ 96.2030, 8.7739,
-14.2100

■ 8.6060, 7.5892,
-7.5475

■ 121.2030, 8.7739,
-14.2100

■ 0.0000, 0.0000,
0.0000

■ 146.4310, 9.6475,
-14.4100

■ 173.4310, 9.6475,
-14.4100

■ 201.1320, 9.7949,
-15.0248

■ 229.1320, 9.7949,

-15.0248

■ 250.5150, 2.2111,
-9.2217

■ 49.3880, 8.1897,
-13.4953

■ 49.3880, 8.1897,
-13.4953

■ 46.1210, 9.8003,
-16.7691

■ 52.6550, 6.5791,
-10.2214

■ 42.5660, 11.5530,
-18.9134

■ 56.2100, 4.8265,
-8.0772

■ 39.2990, 13.1636,
-22.1872

■ 59.4770, 3.2158,
-4.8033

■ 35.7440, 14.9162,
-24.3315

■ 63.0320, 1.4632,
-2.6591

■ 32.4770, 16.5268,
-27.6053

■ 66.2990, -0.1474,
0.6148

■ 31.5910, 16.9636,
-27.7053

■ 70.1530, -2.0474,
3.3738

■ 73.1210, -3.5107,
6.0329

■ 76.9750, -5.4107,
8.7919

■ 79.9430, -6.8739,
11.4510

Harmonies

Analogous

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



48.1980, 6.3114, -17.7136



49.3880, 8.1897, -13.4953



51.3180, 7.7312, -6.4179

Triad

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



49.3880, 8.1897, -13.4953



53.0340, -1.4958, 13.1252



50.1970, -5.5201, -2.8038

Complementary

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



49.3880, 8.1897, -13.4953



50.6120, -8.1897, 13.4953

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.



51.0730, -7.4310, 3.4440



49.3880, 8.1897, -13.4953



52.4100, -5.1321, 12.7954

Square

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



49.3880, 8.1897, -13.4953



53.0380, 2.4463, 8.7367



51.8180, -7.3053, 9.8066



48.7770, -1.8621, -9.4514

Rectangle

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



49.3880, 8.1897, -13.4953



52.4220, 6.6940, -0.3701



51.8180, -7.3053, 9.8066



50.2790, -6.5465, -0.2447

Sweetspot

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



49.3880, 8.1897, -13.4953



80.1780, 3.3632, -5.4181



54.1520, -4.0189, -17.6733



39.1460, 1.9000, -2.7590



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



49.3880, 8.1897, -13.4953



60.5980, 13.0162, -21.5724



39.9960, 12.8200, -5.2585



31.5160, 0.7316, -1.3295



46.8650, 24.7166, -41.1006



107.7160, 57.3280, -94.4669

Inverse Universe

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



45.8480, 4.0189, 17.6733



54.8970, 6.4598, 28.1543



60.0040, -12.8200, 5.2585



31.1250, 0.4314, 1.6444



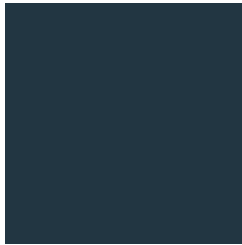
35.9570, 12.3462, 53.5347



82.9360, 28.1326, 123.7131

Previews

White Background



This preview shows how the YUV color 49.3880, 8.1897, -13.4953 looks on a white background.

Color Contrast Check

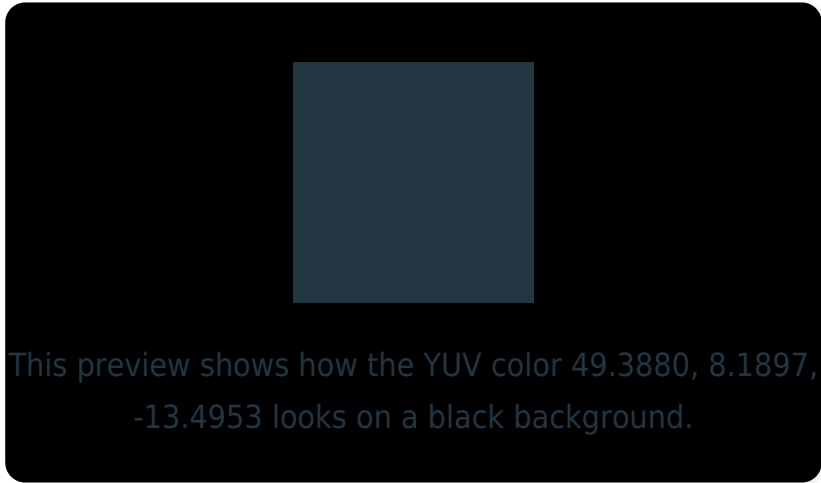
Large Text (above 18pt) WCAG AA ✓ Pass

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

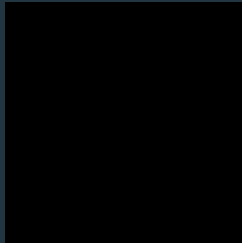
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3880, 8.1897, -13.4953

Background



This preview shows how black text looks on a background with the YUV color 49.3880, 8.1897, -13.4953.



This preview shows how white text looks on a background with the YUV color 49.3880, 8.1897, -13.4953.

-13.4953.

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

49.3880, 8.1897, -13.4953

Protanopia

51.5850, 6.1206, -3.1440

Deuteranopia

51.9270, 7.4310, -3.4440



Tritanopia

48.6930, 5.5744, -14.6398

Trichromacy



Original Color

49.3880, 8.1897, -13.4953

Protanomaly

50.7910, 7.0050, -6.8327

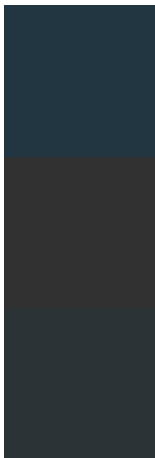
Deuteranomaly

51.0190, 7.8786, -7.0327

Tritanomaly

49.2200, 6.3005, -14.2249

Monochromacy



Original Color

49.3880, 8.1897, -13.4953

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.3630, 2.7790, -4.7034

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3880, 8.1897, -13.4953 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(34, 54, 66)` looks like.

```
.text, #text, p{  
    color:rgb(34, 54, 66)  
}
```

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(34, 54, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 54, 66) }
```

Border

The CSS property to change the border of an element to YUV 49.3880, 8.1897, -13.4953 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(34, 54, 66) }
```


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

```
.border{ border-color:rgb(34, 54, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 54, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 54, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 54, 66);  
box-shadow:4px 4px 4px 4px rgb(34, 54, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3880, 8.1897, -13.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 54, 66) }
```

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

```
.background{ background-color: rgb(34, 54,  
66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor