

Converting Colors

YUV(78.9610, 2.4842, -3.4738)

Have a look what the booklet for
YUV(78.9610, 2.4842, -3.4738)
contains.

YUV(78.9610, 2.4842, -3.4738)	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(78.9610, 2.4842,
-3.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5054
RGB	75, 80, 84
RGB Percent	29%, 31%, 33%
CMY	0.7059, 0.6863, 0.6706
CMYK	0.11, 0.05, 0.00, 0.67
HSL	207°, 6%, 31%
HSV	207°, 11%, 33%
XYZ	7.3705, 7.8733, 9.5187
YIQ	78.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

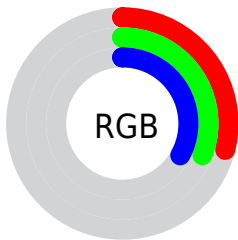
Format	Color
R_{YB}	75, 78, 84
Decimal	4935764
CIE Lab	33.72, -1.08, -3.04
CIE LCh	34, 3.231, 250.434
Yxy	7.8733, 0.2976, 0.3180
Android (android.graphics.Color)	4283125844 (0xFF4B5054)
YUV	78.9610, 2.4842, -3.4738
Hunter-Lab	28.0593, -2.2160, -0.4717

Details

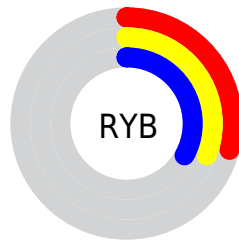
The YUV color **78.9610, 2.4842, -3.4738** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80.0390, -2.4842, 3.4738**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9610, 2.4842, -3.4738**, and **34.8470, 2.0474, -3.3738** is the 20% darker color. If you saturate the color by 10%, you get **74.2210, 4.8210, -6.3328**, and if you desaturate by 10%, it is **83.7010, 0.1474, -0.6148**.

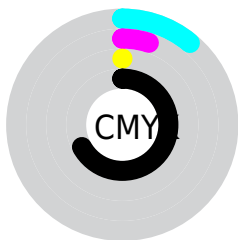
Distribution



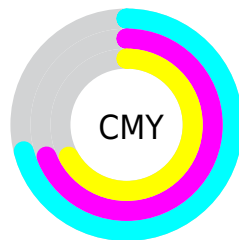
- Red (29%)
- Green (31%)
- Blue (33%)



- Red (29%)
- Yellow (31%)
- Blue (33%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (67%)



- Cyan (71%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9610, 2.4842, -3.4738 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 78.9610, 2.4842, -3.4738 by changing the saturation by 10% instead.

■ 78.9610, 2.4842,
-3.4738

■ 78.9610, 2.4842,
-3.4738

255.0000, 0.0000,
0.0000

■ 55.9610, 2.4842,
-3.4738

■ 127.9610, 2.4842,
-3.4738

■ 34.8470, 2.0474,
-3.3738

■ 154.0750, 2.9210,
-3.5738

■ 12.4770, 3.2158,
-4.8033

■ 180.7760, 3.0684,
-4.1886

■ 0.0000, 0.0000,
0.0000

■ 208.6620, 2.6316,
-4.0886

■ 236.7760, 3.0684,
-4.1886

■ 78.9610, 2.4842,
-3.4738

■ 78.9610, 2.4842,
-3.4738

■ 74.2210, 4.8210,
-6.3328

■ 83.7010, 0.1474,
-0.6148

■ 69.7690, 7.0159,
-10.3214

■ 88.1530, -2.0474,
3.3738

■ 65.0290, 9.3527,
-13.1804

■ 92.8930, -4.3842,
6.2328

■ 59.9900, 11.8369,
-16.6542

■ 97.9320, -6.8685,
9.7066

■ 55.2500, 14.1738,
-19.5132

■ 102.6720, -9.2053,
12.5657

■ 51.0970, 16.2212,
-22.8871

■ 106.8250,
-11.2527, 15.9395

■ 46.0580, 18.7054,
-26.3609

■ 111.8640,
-13.7370, 19.4133

■ 41.3180, 21.0422,

■ 116.6040,

-29.2199

-16.0738, 22.2723

■ 37.1650, 23.0897,
-32.5937

■ 121.6430,
-18.5580, 25.7461

Harmonies

Analogous

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



78.7220, 1.6161, -5.0182



78.9610, 2.4842, -3.4738



79.2710, 2.3314, -1.1147

Triad

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



78.9610, 2.4842, -3.4738



80.0930, -1.0318, 4.3034



78.8320, -1.8892, -0.7297

Complementary

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



78.9610, 2.4842, -3.4738



80.0390, -2.4842, 3.4738

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.



79.0280, -2.4788, 1.7294



78.9610, 2.4842, -3.4738



79.8650, -1.9054, 4.5034

Square

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



78.9610, 2.4842, -3.4738



80.1360, 0.4260, 3.3887



79.7400, -2.3368, 2.8590



78.7500, -0.8628, -3.2887

Rectangle

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



78.9610, 2.4842, -3.4738



79.8690, 2.0366, 0.1149



79.7400, -2.3368, 2.8590



79.1310, -2.0366, -0.1149

Sweetspot

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



78.9610, 2.4842, -3.4738



107.6300, 1.1684, -1.4295



80.7390, -0.8573, -5.0331



54.8150, 0.5842, -0.7148



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



78.9610, 2.4842, -3.4738



101.4060, 4.2368, -5.6181



76.6130, 3.6418, -1.4146



38.6300, 1.1684, -1.4295



46.0160, 29.0791, -40.3560



102.1710, 64.0057, -89.6040

Inverse Universe

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



78.2610, 0.8573, 5.0331



100.3970, 1.2833, 8.4218



82.3870, -3.6418, 1.4146



38.4240, 0.2840, 2.2592



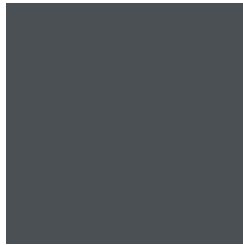
38.0070, 9.8565, 58.7529



84.0740, 22.1485, 129.7311

Previews

White Background



This preview shows how the YUV color 78.9610, 2.4842, -3.4738 looks on a white background.

Color Contrast Check

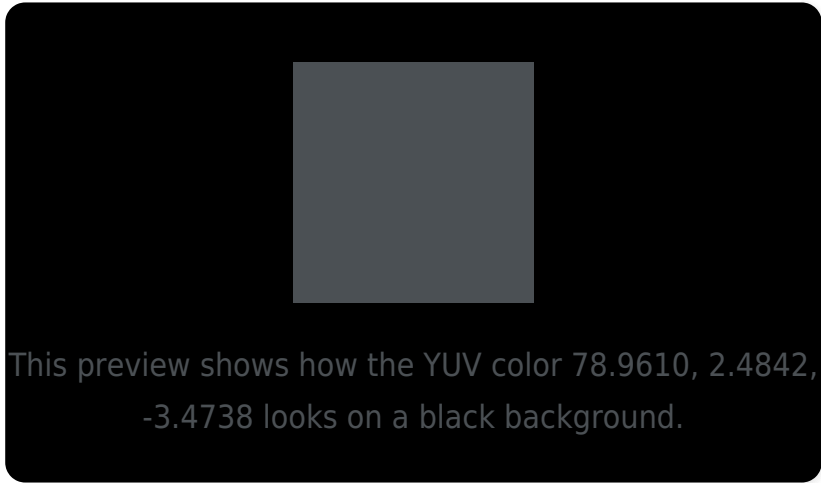
Large Text (above 18pt) WCAG AA ✓ Pass

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

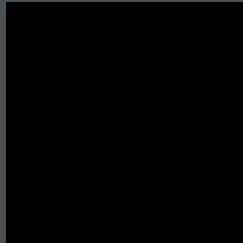
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

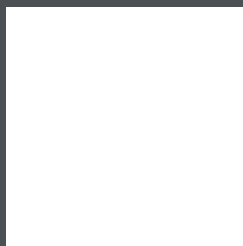
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 78.9610, 2.4842, -3.4738

Background



This preview shows how black text looks on a background with the YUV color 78.9610, 2.4842, -3.4738.



This preview shows how white text looks on a background with the YUV color 78.9610, 2.4842, -3.4738.

-3.4738.

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

78.9610, 2.4842, -3.4738

Protanopia

79.4560, 1.7472, -0.3999

Deuteranopia

80.0050, 2.4625, 3.5036



Tritanopia

79.1890, 3.3578, -3.6738

Trichromacy



Original Color

78.9610, 2.4842, -3.4738

Protanomaly

79.1570, 1.8946, -1.0147

Deuteranomaly

79.6950, 2.6154, 1.1445

Tritanomaly

79.0750, 2.9210, -3.5738

Monochromacy



Original Color

78.9610, 2.4842, -3.4738

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9610, 2.4842, -3.4738 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(75, 80, 84)` looks like.

```
.text, #text, p{  
    color:rgb(75, 80, 84)  
}
```

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(75, 80, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 80, 84) }
```

Border

The CSS property to change the border of an element to YUV 78.9610, 2.4842, -3.4738 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(75, 80, 84) }
```


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

```
.border{ border-color:rgb(75, 80, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 80, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 80, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 80, 84);  
box-shadow:4px 4px 4px 4px rgb(75, 80, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9610, 2.4842, -3.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 80, 84) }
```

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

```
.background{ background-color: rgb(75, 80,  
84) }
```

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