

Converting Colors

YUV(78.8810, -2.8993, -3.4036)

Have a look what the booklet for
YUV(78.8810, -2.8993, -3.4036)
contains.

YUV(78.8810, -2.8993, -3.4036)	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(78.8810, -2.8993,
-3.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5249
RGB	75, 82, 73
RGB Percent	29%, 32%, 29%
CMY	0.7059, 0.6784, 0.7137
CMYK	0.09, 0.00, 0.11, 0.68
HSL	107°, 6%, 30%
HSV	107°, 11%, 32%
XYZ	7.1215, 8.0115, 7.4744
YIQ	78.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

Format	Color
R_{YB}	73, 82, 80
Decimal	4936265
CIE Lab	34.01, -4.76, 4.33
CIE LCh	34, 6.431, 137.705
Yxy	8.0115, 0.3150, 0.3544
Android (android.graphics.Color)	4283126345 (0xFF4B5249)
YUV	78.8810, -2.8993, -3.4036
Hunter-Lab	28.3046, -4.6217, 4.1565

Details

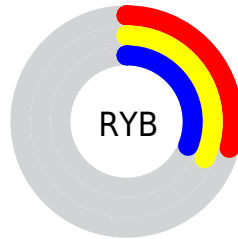
The YUV color **78.8810, -2.8993, -3.4036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.1190, 2.8993, 3.4036**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8810, -2.8993, -3.4036**, and **34.2940, -2.6099, -2.8888** is the 20% darker color. If you saturate the color by 10%, you get **76.1750, -5.5093, -6.2925**, and if you desaturate by 10%, it is **81.5870, -0.2894, -0.5148**.

Distribution



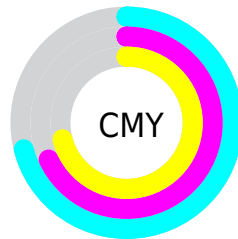
- Red (29%)
- Green (32%)
- Blue (29%)



- Red (29%)
- Yellow (32%)
- Blue (31%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (68%)



- Cyan (71%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8810, -2.8993, -3.4036 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 78.8810, -2.8993, -3.4036 by changing the saturation by 10% instead.

■ 78.8810, -2.8993,
-3.4036

■ 78.8810, -2.8993,
-3.4036

255.0000, 0.0000,
0.0000

■ 55.9950, -2.4625,
-3.5036

■ 127.8810, -2.8993,
-3.4036

■ 34.2940, -2.6099,
-2.8888

■ 153.7670, -3.3361,
-3.3037

■ 12.5280, -4.2043,
-4.8481

■ 180.4680, -3.1887,
-3.9184

■ 0.0000, 0.0000,
0.0000

■ 208.3540, -3.6255,
-3.8185

■ 236.3540, -3.6255,
-3.8185

■ 78.8810, -2.8993,
-3.4036

■ 78.8810, -2.8993,
-3.4036

■ 76.1750, -5.5093,
-6.2925

■ 81.5870, -0.2894,
-0.5148

■ 73.1700, -7.9718,
-9.7961

■ 84.5920, 2.1731,
2.9888

■ 70.3500, -11.0185,
-12.5849

■ 87.4120, 5.2199,
5.7777

■ 67.3450, -13.4811,
-16.0886

■ 90.4170, 7.6824,
9.2813

■ 64.6390, -16.0910,
-18.9774

■ 93.1230, 10.2924,
12.1701

■ 61.9330, -18.7010,
-21.8662

■ 95.8290, 12.9023,
15.0590

■ 58.9280, -21.1635,
-25.3699

■ 98.8340, 15.3648,
18.5626

■ 56.1080, -24.2102,

■ 101.6540, 18.4116,

-28.1587

21.3514

■ 53.5160, -26.3834,
-31.1475

■ 104.3600, 21.0215,
24.2403

Harmonies

Analogous

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



79.7460, -4.8048, 1.0998



78.8810, -2.8993, -3.4036



78.5430, -0.2677, -7.4922

Triad

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



78.8810, -2.8993, -3.4036



79.3350, 5.2578, -6.4328



81.1860, -2.0637, 8.6069

Complementary

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



78.8810, -2.8993, -3.4036



76.1190, 2.8993, 3.4036

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.



81.1580, 0.4151, 6.8774



78.8810, -2.8993, -3.4036



79.9550, 4.9522, -1.7145

Square

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



78.8810, -2.8993, -3.4036



78.3840, 4.2477, -9.1068



81.1190, 2.8993, 3.4036



80.4310, -3.6635, 8.3920

Rectangle

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



78.8810, -2.8993, -3.4036



78.2870, 1.3375, -9.0217



81.1190, 2.8993, 3.4036



81.4140, -1.1901, 8.4069

Sweetspot

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



78.8810, -2.8993, -3.4036



106.0600, -1.0156, -0.9296



79.8000, -3.3524, 1.9294



53.0600, -1.0156, -0.9296



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.



78.8810, -2.8993, -3.4036



102.1150, -4.4937, -5.3629



78.5110, -1.7309, -4.8331



39.6470, -1.3050, -1.4444



68.5120, -33.7764, -39.9140



151.7320, -74.8039, -87.4650

Inverse Universe

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



76.1190, 2.8993, 3.4036



97.8850, 4.4937, 5.3629



76.4890, 1.7309, 4.8331



38.3530, 1.3050, 1.4444



36.1890, 33.9238, 39.2992



80.2680, 74.8039, 87.4650

Previews

White Background



This preview shows how the YUV color 78.8810, -2.8993, -3.4036 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



This preview shows how the YUV color 78.8810, -2.8993, -3.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

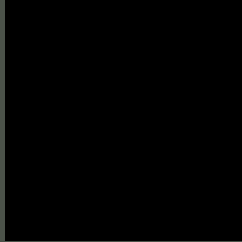
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8810, -2.8993, -3.4036

Background



This preview shows how black text looks on a background with the YUV color 78.8810, -2.8993, -3.4036.



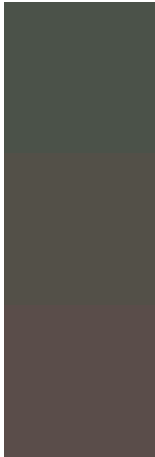
This preview shows how white text looks on a background with the YUV color 78.8810, -2.8993,

-3.4036.

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

78.8810, -2.8993, -3.4036

Protanopia

79.9850, -3.9366, 2.6442

Deuteranopia

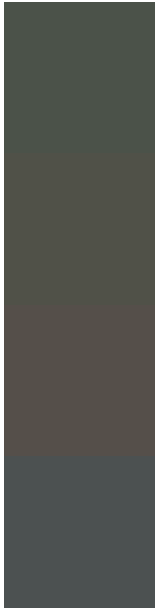
80.5450, -3.2267, 8.2920



Tritanopia

79.7870, 3.0630, -2.4442

Trichromacy



Original Color

78.8810, -2.8993, -3.4036

Protanomaly

79.6750, -3.7838, 0.2850

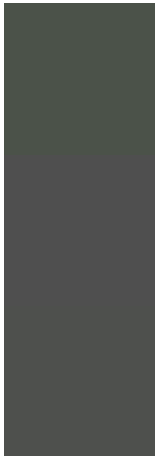
Deuteranomaly

80.2240, -3.0684, 4.1886

Tritanomaly

79.5050, 0.7370, -3.0739

Monochromacy



Original Color

78.8810, -2.8993, -3.4036

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8810, -2.8993, -3.4036 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, 82, 73)` looks like.

```
.text, #text, p{  
    color:rgb(75, 82, 73)  
}
```

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, 82, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 82, 73) }
```

Border

The CSS property to change the border of an element to YUV 78.8810, -2.8993, -3.4036 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, 82, 73) }
```


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

```
.border{ border-color:rgb(75, 82, 73) }
```

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

Here you see how a box with a 4 pixel rgb(75, 82, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 82, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 82, 73);  
box-shadow:4px 4px 4px 4px rgb(75, 82, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.8810, -2.8993, -3.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 82, 73) }
```

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

```
.background{ background-color: rgb(75, 82,  
73) }
```

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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