

Converting Colors

YUV(70.8080, 4.5317, -6.8476)

Have a look what the booklet for
YUV(70.8080, 4.5317, -6.8476)
contains.

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Color

**YUV(70.8080, 4.5317,
-6.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4950
RGB	63, 73, 80
RGB Percent	25%, 29%, 31%
CMY	0.7529, 0.7137, 0.6863
CMYK	0.21, 0.09, 0.00, 0.69
HSL	205°, 12%, 28%
HSV	205°, 21%, 31%
XYZ	5.8804, 6.4010, 8.5150
YIQ	70.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

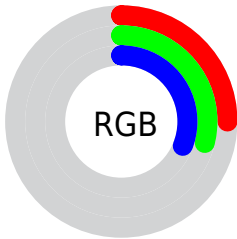
Format	Color
RYB	63, 69, 80
Decimal	4147536
CIELab	30.40, -2.26, -5.52
CIELCh	30, 5.966, 247.779
Yxy	6.4010, 0.2828, 0.3078
Android (android.graphics.Color)	4282337616 (0xFF3F4950)
YUV	70.8080, 4.5317, -6.8476
Hunter-Lab	25.3003, -2.7876, -2.2443

Details

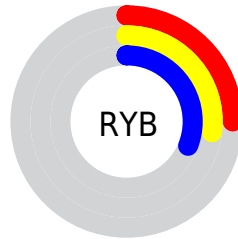
The YUV color **70.8080, 4.5317, -6.8476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **72.1920, -4.5317, 6.8476**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5090, 4.6791, -7.4624**, and **27.6940, 4.0949, -6.7476** is the 20% darker color. If you saturate the color by 10%, you get **66.6550, 6.5791, -10.2214**, and if you desaturate by 10%, it is **74.9610, 2.4842, -3.4738**.

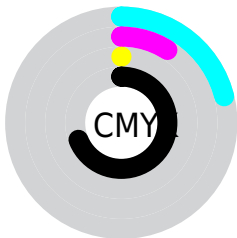
Distribution



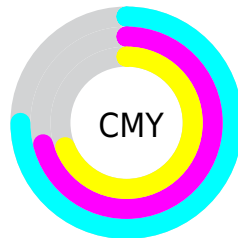
- Red (25%)
- Green (29%)
- Blue (31%)



- Red (25%)
- Yellow (27%)
- Blue (31%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (69%)



- Cyan (75%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8080, 4.5317, -6.8476 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 70.8080, 4.5317, -6.8476 by changing the saturation by 10% instead.

■ 70.8080, 4.5317,
-6.8476

■ 70.8080, 4.5317,
-6.8476

■ 255.0000, 0.0000,
0.0000

■ 48.6940, 4.0949,
-6.7476

■ 119.5090, 4.6791,
-7.4624

■ 27.6940, 4.0949,
-6.7476

■ 144.6230, 5.1159,
-7.5624

■ 3.3570, 5.2470,
-2.9441

■ 171.6230, 5.1159,
-7.5624

■ 0.0000, 0.0000,
0.0000

■ 198.7370, 5.5527,
-7.6623

■ 226.7370, 5.5527,
-7.6623

■ 252.3090, 1.3267,

-5.5330

■ 70.8080, 4.5317,
-6.8476

■ 70.8080, 4.5317,
-6.8476

■ 66.6550, 6.5791,
-10.2214

■ 74.9610, 2.4842,
-3.4738

■ 61.9150, 8.9159,
-13.0805

■ 79.7010, 0.1474,
-0.6148

■ 57.7620, 10.9633,
-16.4543

■ 83.8540, -1.9000,
2.7590

■ 53.6090, 13.0108,
-19.8281

■ 88.0070, -3.9475,
6.1329

■ 49.4560, 15.0582,
-23.2019

■ 92.1600, -5.9949,
9.5067

■ 44.7160, 17.3950,
-26.0609

■ 96.9000, -8.3317,
12.3657

■ 40.5630, 19.4424,
-29.4348

■ 101.0530,
-10.3791, 15.7395

■ 36.7090, 21.3425,
-32.1938

■ 105.2060,
-12.4266, 19.1133

■ 109.9460,
-14.7634, 21.9724

Harmonies

Analogous

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



70.1560, 3.3741, -8.9068



70.8080, 4.5317, -6.8476



71.8300, 4.5208, -3.3589

Triad

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



70.8080, 4.5317, -6.8476



72.1150, -1.0427, 7.7921



70.7780, -3.3416, -1.5593

Complementary

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



70.8080, 4.5317, -6.8476



72.1920, -4.5317, 6.8476

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.



71.4580, -4.6628, 2.2293



70.8080, 4.5317, -6.8476



72.2460, -3.0793, 7.6773

Square

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



70.8080, 4.5317, -6.8476



72.6740, 1.1467, 5.5479



71.8930, -4.3842, 6.2328



70.3260, -1.1467, -5.5479

Rectangle

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



70.8080, 4.5317, -6.8476



72.3250, 3.7838, -0.2850



71.8930, -4.3842, 6.2328



71.2620, -4.0732, -0.2298

Sweetspot

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



70.8080, 4.5317, -6.8476



101.1460, 1.9000, -2.7590



73.7770, -1.8621, -9.4514



51.6300, 1.1684, -1.4295



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.



70.8080, 4.5317, -6.8476



89.5840, 7.6001, -11.0362



66.1120, 6.8468, -2.7292



38.6300, 1.1684, -1.4295



48.3640, 27.9215, -42.4152



106.8670, 61.6906, -93.7224

Inverse Universe

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



69.2230, 1.8621, 9.4514



87.1960, 2.8614, 15.6141



76.8880, -6.8468, 2.7292



38.4240, 0.2840, 2.2592



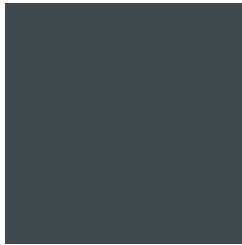
38.3490, 11.1669, 58.4529



84.8720, 25.2061, 129.0313

Previews

White Background



This preview shows how the YUV color 70.8080, 4.5317, -6.8476 looks on a white background.

Color Contrast Check

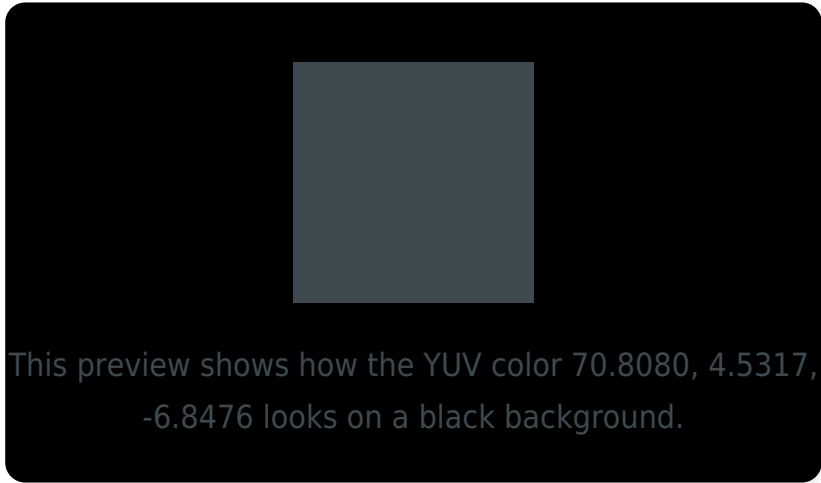
Large Text (above 18pt) WCAG AA ✓ Pass

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

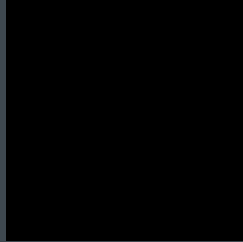
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8080, 4.5317, -6.8476

Background



This preview shows how black text looks on a background with the YUV color 70.8080, 4.5317, -6.8476.



This preview shows how white text looks on a background with the YUV color 70.8080, 4.5317, -6.8476.

-6.8476.

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

70.8080, 4.5317, -6.8476

Protanopia

71.9120, 3.4944, -0.7998

Deuteranopia

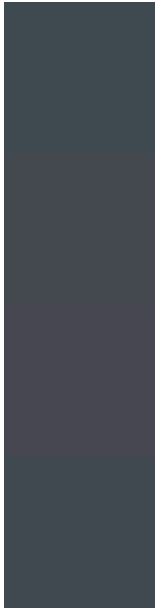
72.4500, 4.2152, 1.3594



Tritanopia

70.6940, 4.0949, -6.7476

Trichromacy



Original Color

70.8080, 4.5317, -6.8476

Protanomaly

71.6020, 3.6472, -3.1590

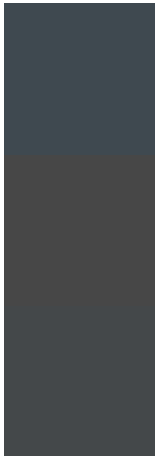
Deuteranomaly

71.8410, 4.5154, -1.6146

Tritanomaly

70.6940, 4.0949, -6.7476

Monochromacy



Original Color

70.8080, 4.5317, -6.8476

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8080, 4.5317, -6.8476 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(63, 73, 80)` looks like.

```
.text, #text, p{  
    color:rgb(63, 73, 80)  
}
```

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(63, 73, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 73, 80) }
```

Border

The CSS property to change the border of an element to YUV 70.8080, 4.5317, -6.8476 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(63, 73, 80) }
```


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

```
.border{ border-color:rgb(63, 73, 80) }
```

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

Here you see how a box with a 4 pixel rgb(63, 73, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 73, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 73, 80);  
box-shadow:4px 4px 4px 4px rgb(63, 73, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.8080, 4.5317, -6.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 73, 80) }
```

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

```
.background{ background-color: rgb(63, 73,  
80) }
```

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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