

Converting Colors

YUV(73.8100, -1.8783, -4.2184)

Have a look what the booklet for
YUV(73.8100, -1.8783, -4.2184)
contains.

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Color

**YUV(73.8100, -1.8783,
-4.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	454D46
RGB	69, 77, 70
RGB Percent	27%, 30%, 27%
CMY	0.7294, 0.6980, 0.7255
CMYK	0.10, 0.00, 0.09, 0.70
HSL	128°, 5%, 29%
HSV	128°, 10%, 30%
XYZ	6.2136, 7.0152, 6.8209
YIQ	73.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

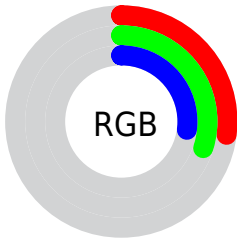
Format	Color
RYB	69, 76, 77
Decimal	4541766
CIELab	31.84, -4.79, 3.05
CIELCh	32, 5.682, 147.488
Yxy	7.0152, 0.3099, 0.3499
Android (android.graphics.Color)	4282731846 (0xFF454D46)
YUV	73.8100, -1.8783, -4.2184
Hunter-Lab	26.4861, -4.4749, 3.2715

Details

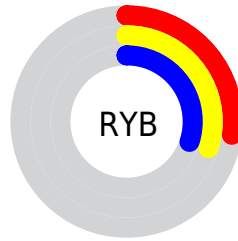
The YUV color **73.8100, -1.8783, -4.2184** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **72.1900, 1.8783, 4.2184**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3970, -2.1677, -4.7332**, and **30.2230, -1.5889, -3.7036** is the 20% darker color. If you saturate the color by 10%, you get **70.6200, -3.7567, -8.4367**, and if you desaturate by 10%, it is **77.0000, 0.0000, 0.0000**.

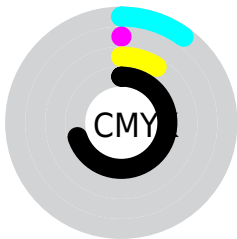
Distribution



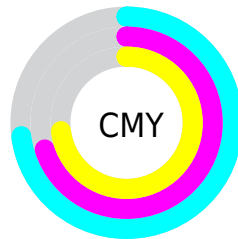
- Red (27%)
- Green (30%)
- Blue (27%)



- Red (27%)
- Yellow (30%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (70%)



- Cyan (73%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8100, -1.8783, -4.2184 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 73.8100, -1.8783, -4.2184 by changing the saturation by 10% instead.

■ 73.8100, -1.8783,
-4.2184

■ 73.8100, -1.8783,
-4.2184

255.0000, 0.0000,
0.0000

■ 51.2230, -1.5889,
-3.7036

■ 122.3970, -2.1677,
-4.7332

■ 30.2230, -1.5889,
-3.7036

■ 148.3970, -2.1677,
-4.7332

■ 5.8700, -2.8939,
-5.1480

■ 174.9840, -2.4571,
-5.2480

■ 0.0000, 0.0000,
0.0000

■ 202.0980, -2.0203,
-5.3479

■ 230.0980, -2.0203,
-5.3479

254.2880, -0.1420,

-1.1296

■ 73.8100, -1.8783,
-4.2184

■ 73.8100, -1.8783,
-4.2184

■ 70.6200, -3.7567,
-8.4367

■ 77.0000, 0.0000,
0.0000

■ 67.8430, -5.3456,
-12.1403

■ 79.7770, 1.5889,
3.7036

■ 64.6530, -7.2239,
-16.3587

■ 82.9670, 3.4673,
7.9219

■ 61.4630, -9.1023,
-20.5771

■ 86.1570, 5.3456,
12.1403

■ 58.2730, -10.9806,
-24.7954

■ 89.0480, 7.3713,
15.7439

■ 55.4960, -12.5695,
-28.4990

■ 92.1240, 8.8129,
20.0623

■ 52.3060, -14.4479,
-32.7174

■ 95.3140, 10.6912,
24.2806

■ 49.1160, -16.3262,
-36.9357

■ 98.5040, 12.5695,
28.4990

■ 46.3390, -17.9151,
-40.6393

■ 101.3950, 14.5953,
32.1026

Harmonies

Analogous

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



74.3760, -3.6364, -0.3298



73.8100, -1.8783, -4.2184



73.6570, 0.1691, -7.5922

Triad

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



73.8100, -1.8783, -4.2184



74.5310, 4.6682, -3.9737



75.7730, -2.3531, 8.0921

Complementary

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



73.8100, -1.8783, -4.2184



72.1900, 1.8783, 4.2184

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.



75.9300, -0.4585, 7.0774



73.8100, -1.8783, -4.2184



75.3250, 3.7838, -0.2850

Square

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



73.8100, -1.8783, -4.2184



73.9820, 3.9529, -7.8772



75.8910, 2.0257, 3.6036



75.4200, -3.6581, 6.6477

Rectangle

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



73.8100, -1.8783, -4.2184



73.7000, 1.6269, -8.5069



75.8910, 2.0257, 3.6036



75.8870, -1.9163, 7.9921

Sweetspot

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



73.8100, -1.8783, -4.2184



97.8750, -0.4314, -1.6444



75.7890, -3.3470, 0.1850



50.1740, -0.5788, -1.0296



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



73.8100, -1.8783, -4.2184



94.5710, -2.7465, -5.7628



74.2660, -0.1311, -4.6183



36.4620, -0.7208, -2.1592



61.3560, -23.8395, -53.8092



138.3160, -53.8928, -121.3031

Inverse Universe

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



72.1900, 1.8783, 4.2184



92.4290, 2.7465, 5.7628



71.7340, 0.1311, 4.6183



35.6520, 1.1576, 2.0592



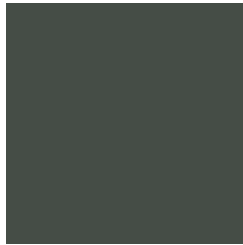
40.6440, 23.8395, 53.8092



91.6840, 53.8928, 121.3031

Previews

White Background



This preview shows how the YUV color 73.8100, -1.8783, -4.2184 looks on a white background.

Color Contrast Check

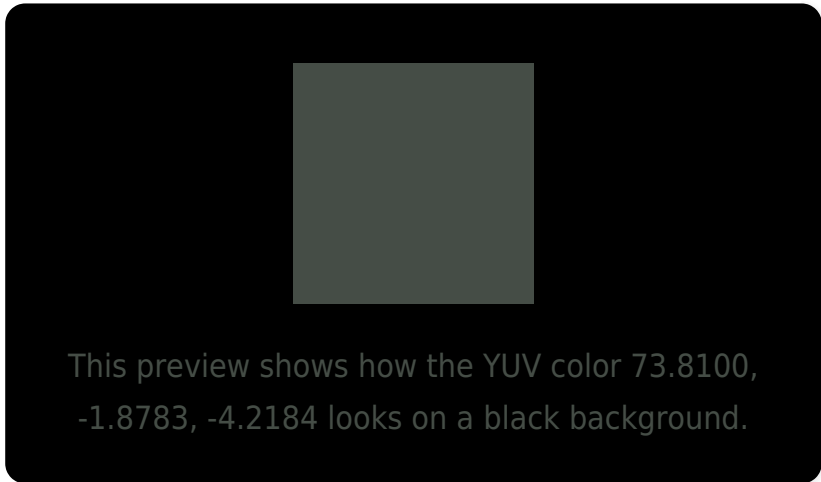
Large Text (above 18pt) WCAG AA ✓ Pass

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

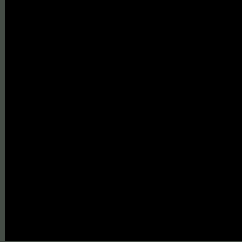
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8100, -1.8783, -4.2184

Background



This preview shows how black text looks on a background with the YUV color 73.8100, -1.8783, -4.2184.



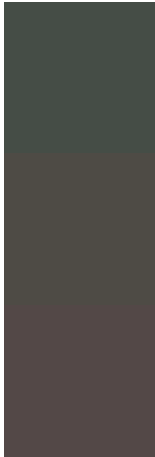
This preview shows how white text looks on a background with the YUV color 73.8100, -1.8783, -4.2184.

-4.2184.

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

73.8100, -1.8783, -4.2184

Protanopia

75.2130, -3.0630, 2.4442

Deuteranopia

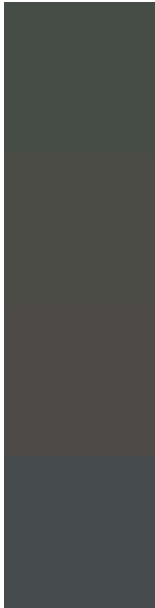
75.1750, -2.0583, 6.8625



Tritanopia

74.4880, 3.2104, -3.0590

Trichromacy



Original Color

73.8100, -1.8783, -4.2184

Protanomaly

74.9030, -2.9102, 0.0851

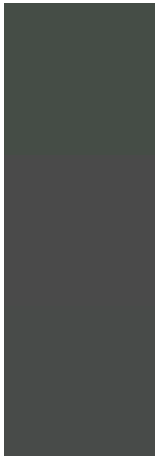
Deuteranomaly

74.8540, -1.9000, 2.7590

Tritanomaly

74.3200, 1.3212, -3.7886

Monochromacy



Original Color

73.8100, -1.8783, -4.2184

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8100, -1.8783, -4.2184 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(69, 77, 70)` looks like.

```
.text, #text, p{  
    color:rgb(69, 77, 70)  
}
```

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(69, 77, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 77, 70) }
```

Border

The CSS property to change the border of an element to YUV 73.8100, -1.8783, -4.2184 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(69, 77, 70) }
```


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

```
.border{ border-color:rgb(69, 77, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 77, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 77, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 77, 70);  
box-shadow:4px 4px 4px 4px rgb(69, 77, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.8100, -1.8783, -4.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 77, 70) }
```

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

```
.background{ background-color: rgb(69, 77,  
70) }
```

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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