

Converting Colors

YUV(38.2400, -4.0623, -3.7185)

Have a look what the booklet for
YUV(38.2400, -4.0623, -3.7185)
contains.

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Color

**YUV(38.2400, -4.0623,
-3.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	222A1E
RGB	34, 42, 30
RGB Percent	13%, 16%, 12%
CMY	0.8667, 0.8353, 0.8824
CMYK	0.19, 0.00, 0.29, 0.84
HSL	100°, 17%, 14%
HSV	100°, 29%, 16%
XYZ	1.7220, 2.0897, 1.5409
YIQ	38.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

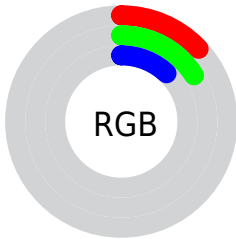
Format	Color
R_{YB}	30, 42, 38
Decimal	2239006
CIE Lab	15.95, -6.40, 6.71
CIE LCh	16, 9.274, 133.638
Yxy	2.0897, 0.3217, 0.3904
Android (android.graphics.Color)	4280429086 (0xFF222A1E)
YUV	38.2400, -4.0623, -3.7185
Hunter-Lab	14.4560, -4.0350, 3.7993

Details

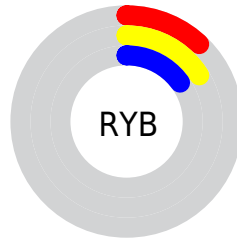
The YUV color **38.2400, -4.0623, -3.7185** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.7600, 4.0623, 3.7185**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.8270, -4.3517, -4.2333**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.8870, -5.3673, -5.1629**, and if you desaturate by 10%, it is **39.5930, -2.7573, -2.2741**.

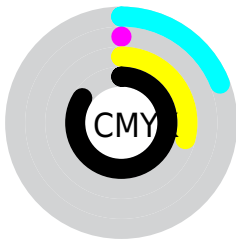
Distribution



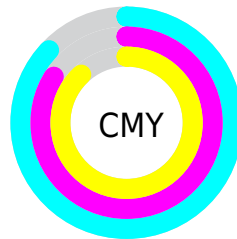
- Red (13%)
- Green (16%)
- Blue (12%)



- Red (12%)
- Yellow (16%)
- Blue (15%)



- Cyan (19%)
- Magenta (0%)
- Yellow (29%)
- Black (84%)



- Cyan (87%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2400, -4.0623, -3.7185 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 38.2400, -4.0623, -3.7185 by changing the saturation by 10% instead.

■ 38.2400, -4.0623,
-3.7185

■ 38.2400, -4.0623,
-3.7185

■ 255.0000, 0.0000,
0.0000

■ 17.3710, -6.0989,
-3.8334

■ 82.8270, -4.3517,
-4.2333

■ 0.0000, 0.0000,
0.0000

■ 107.3000, -5.0779,
-4.6481

■ 132.3000, -5.0779,
-4.6481

■ 158.3000, -5.0779,
-4.6481

■ 185.3000, -5.0779,
-4.6481

■ 213.1860, -5.5147,

-4.5481

■ 241.7730, -5.8041,
-5.0629

■ 38.2400, -4.0623,
-3.7185

■ 38.2400, -4.0623,
-3.7185

■ 36.8870, -5.3673,
-5.1629

■ 39.5930, -2.7573,
-2.2741

■ 35.5340, -6.6723,
-6.6073

■ 40.9460, -1.4524,
-0.8296

■ 34.3660, -8.5614,
-7.3370

■ 42.1140, 0.4368,
-0.1000

■ 33.0130, -9.8664,
-8.7814

■ 43.4670, 1.7418,
1.3444

■ 31.6600, -11.1714,
-10.2258

■ 44.8200, 3.0467,
2.7889

■ 30.3070, -12.4764,
-11.6702

■ 46.1730, 4.3517,
4.2333

■ 28.9540, -13.7813,
-13.1147

■ 47.5260, 5.6567,
5.6777

■ 28.8400, -14.2181,
-13.0147

■ 48.6940, 7.5459,
6.4074

■ 50.0470, 8.8508,
7.8518

Harmonies

Analogous

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



38.8170, -5.8258, 1.9145



38.2400, -4.0623, -3.7185



37.4180, -0.6991, -9.1366

Triad

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



38.2400, -4.0623, -3.7185



38.0680, 6.8685, -9.7066



40.6100, -1.7797, 10.8660

Complementary

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



38.2400, -4.0623, -3.7185



33.7600, 4.0623, 3.7185

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.



40.8100, 1.5727, 8.9366



38.2400, -4.0623, -3.7185



39.5850, 6.1206, -3.1440

Square

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



38.2400, -4.0623, -3.7185



37.1060, 5.8637, -14.1250



40.4610, 4.2097, 3.1037



40.2140, -4.5425, 10.3363

Rectangle

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



38.2400, -4.0623, -3.7185



36.6780, 1.6377, -11.9956



40.4610, 4.2097, 3.1037



40.8380, -0.9061, 10.6661

Sweetspot

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



38.2400, -4.0623, -3.7185



52.2340, -1.5944, -1.9592



38.2840, -4.0840, 3.2589



27.0600, -1.0156, -0.9296



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



38.2400, -4.0623, -3.7185



47.9470, -6.3829, -6.0925



37.2720, -2.5991, -6.3775



19.4730, -0.7262, -0.4148



57.6800, -28.4362, -26.0294



145.6730, -71.8168, -65.4882

Inverse Universe

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



33.7600, 4.0623, 3.7185



40.7540, 6.5303, 5.4777



34.7280, 2.5991, 6.3775



18.8260, 0.5788, 1.0296



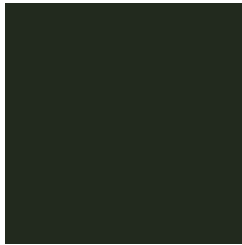
26.3200, 28.4362, 26.0294



66.3270, 71.8168, 65.4882

Previews

White Background



This preview shows how the YUV color 38.2400, -4.0623, -3.7185 looks on a white background.

Color Contrast Check

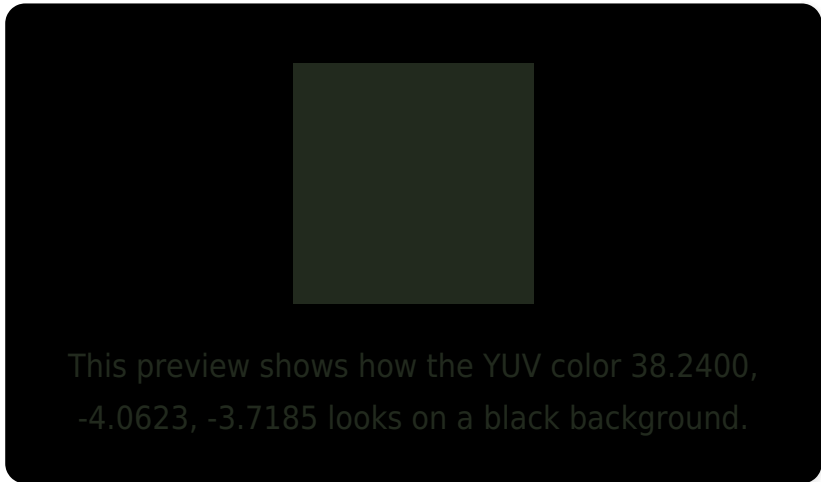
Large Text (above 18pt) WCAG AA ✓ Pass

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

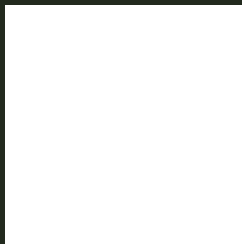
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.2400, -4.0623, -3.7185

Background



This preview shows how black text looks on a background with the YUV color 38.2400, -4.0623, -3.7185.



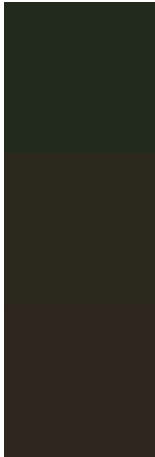
This preview shows how white text looks on a background with the YUV color 38.2400, -4.0623, -3.7185.

-3.7185.

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

38.2400, -4.0623, -3.7185

Protanopia

39.6430, -5.2470, 2.9441

Deuteranopia

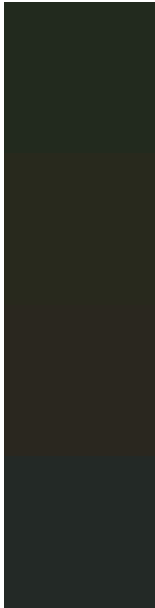
39.5940, -4.2368, 5.6181



Tritanopia

39.1460, 1.9000, -2.7590

Trichromacy



Original Color

38.2400, -4.0623, -3.7185

Protanomaly

39.3330, -5.0942, 0.5850

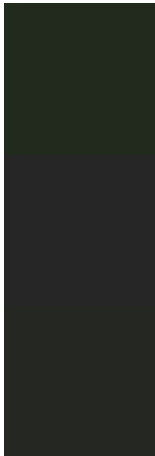
Deuteranomaly

38.9850, -3.9366, 2.6442

Tritanomaly

38.8640, -0.4260, -3.3887

Monochromacy



Original Color

38.2400, -4.0623, -3.7185

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2400, -4.0623, -3.7185 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, 42, 30)` looks like.

```
.text, #text, p{  
    color:rgb(34, 42, 30)  
}
```

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, 42, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 42, 30) }
```

Border

The CSS property to change the border of an element to YUV 38.2400, -4.0623, -3.7185 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, 42, 30) }
```


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

```
.border{ border-color:rgb(34, 42, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 42, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 42, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 42, 30);  
box-shadow:4px 4px 4px 4px rgb(34, 42, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2400, -4.0623, -3.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 42, 30) }
```

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

```
.background{ background-color: rgb(34, 42,  
30) }
```

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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