

Converting Colors

YUV(38.8220, -13.7162,
-34.0469)

Have a look what the booklet for
YUV(38.8220, -13.7162, -34.0469)
contains.

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Color

**YUV(38.8220, -13.7162,
-34.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	00400B
RGB	0, 64, 11
RGB Percent	0%, 25%, 4%
CMY	1.0000, 0.7490, 0.9569
CMYK	1.00, 0.00, 0.83, 0.75
HSL	130°, 100%, 13%
HSV	130°, 100%, 25%
XYZ	1.8938, 3.6910, 0.9292
YIQ	38.8220, -21.1310, -30.0510

Conversions

Conversions Part 2

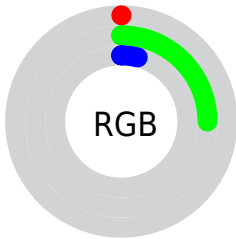
Format	Color
RYB	0, 55, 64
Decimal	16395
CIELab	22.62, -30.92, 25.71
CIELCh	23, 40.218, 140.257
Yxy	3.6910, 0.2907, 0.5666
Android (android.graphics.Color)	4278206475 (0xFF00400B)
YUV	38.8220, -13.7162, -34.0469
Hunter-Lab	19.2119, -16.0252, 10.5806

Details

The YUV color **38.8220, -13.7162, -34.0469** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.1780, 13.7162, 34.0469**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.7580, -16.6427, -28.7288**, and **9.9790, -4.9196, -8.7516** is the 20% darker color. If you saturate the color by 10%, you get **38.8220, -13.7162, -34.0469**, and if you desaturate by 10%, it is **41.1860, -12.4167, -30.8581**.

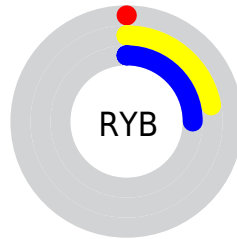
Distribution



Red (0%)

Green (25%)

Blue (4%)



Red (0%)

Yellow (22%)

Blue (25%)

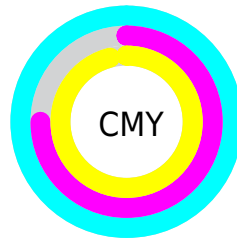


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (75%)



Cyan (100%)


Magenta (75%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.8220, -13.7162, -34.0469 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 38.8220, -13.7162, -34.0469 by changing the saturation by 10% instead.


 38.8220, -13.7162,
-34.0469


 38.8220, -13.7162,
-34.0469

 250.7840, -5.8095,
-3.3186


 24.0670, -11.8650,
-21.1068


 89.7580, -16.6427,
-28.7288


 9.9790, -4.9196,
-8.7516

 114.9430,
-17.2269, -28.0140

 0.0000, 0.0000,
0.0000


 141.0030,
-18.2425, -28.9436


 167.8890,
-18.6793, -28.8437


 195.3620,
-19.4055, -29.2585


 223.5360,


-19.9842, -30.2881


 238.9210,
-13.7651, -18.3477


 38.8220, -13.7162,
-34.0469

 41.1860, -12.4167,
-30.8581

 43.9630, -10.8278,
-27.1546

 46.3270, -9.5282,
-23.9658

 48.9900, -8.3761,
-20.1622

 51.4680, -6.6397,
-17.0734

■ 53.8320, -5.3402,
-13.8847

■ 56.4950, -4.1880,
-10.0811

■ 58.8590, -2.8885,
-6.8923

■ 61.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



49.2840, -24.2970, -0.2491



38.8220, -13.7162, -34.0469



44.2310, -0.6069, -38.7906

Triad

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



38.8220, -13.7162, -34.0469



48.6890, 31.7053, -42.7003



48.0110, -6.4144, 50.8564

Complementary

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



38.8220, -13.7162, -34.0469



25.1780, 13.7162, 34.0469

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.



49.6480, 7.5685, 45.9127



38.8220, -13.7162, -34.0469



50.0770, 30.0350, -20.2385

Square

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



38.8220, -13.7162, -34.0469



50.1420, 24.5800, -43.9745



55.0670, 18.7010, 21.8662



49.5200, -21.9484, 39.8860

Rectangle

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



38.8220, -13.7162, -34.0469



46.6250, 8.5659, -40.8901



55.0670, 18.7010, 21.8662



47.3900, -1.1783, 51.4010

Sweetspot

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



38.8220, -13.7162, -34.0469



74.1310, -5.4876, -13.2699



53.4150, -26.3336, -0.3640



37.0330, -3.4673, -7.9219



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



38.8220, -13.7162, -34.0469



50.9040, -18.1937, -44.6428



42.4700, 0.2613, -37.2462



31.7610, -0.8682, -1.5444



58.8770, -20.6454, -51.6351



135.9340, -47.7885, -119.2141

Inverse Universe

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



25.1780, 13.7162, 34.0469



33.0960, 18.1937, 44.6428



21.5300, -0.2613, 37.2462



31.2390, 0.8682, 1.5444



38.1230, 20.6454, 51.6351



88.1800, 48.2253, 119.1141

Previews

White Background



This preview shows how the YUV color 38.8220, -13.7162, -34.0469 looks on a white background.

Color Contrast Check

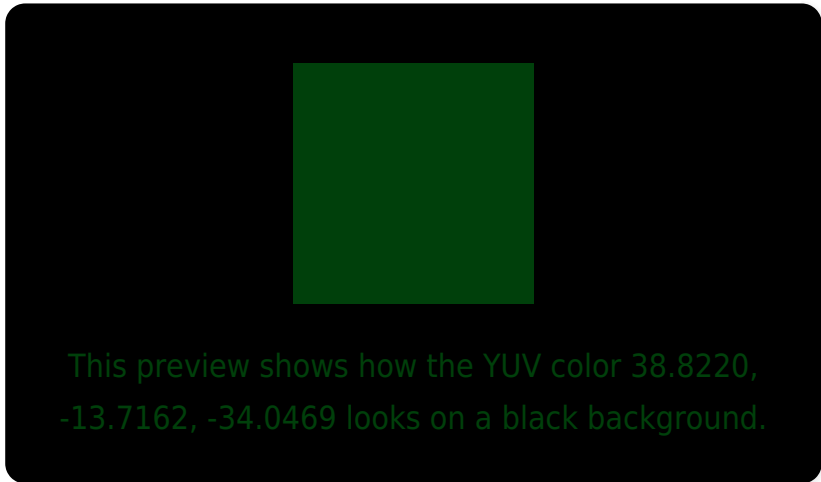
Large Text (above 18pt) WCAG AA ✓ Pass

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

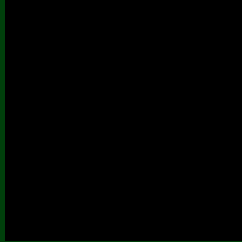
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.8220, -13.7162, -34.0469

Background



This preview shows how black text looks on a background with the YUV color 38.8220, -13.7162, -34.0469.

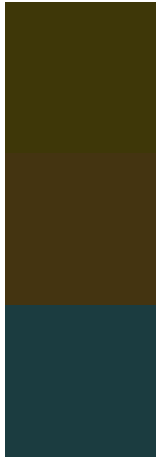


This preview shows how white text looks on a background with the YUV color 38.8220, -13.7162,

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



Protanopia

51.7350, -21.5614, 9.0024

Deuteranopia

52.7940, -17.6464, 13.3357

Tritanopia

50.5890, 6.6116, -20.6876

Trichromacy



Protanomaly

46.7330, -18.6024, -6.7818

Deuteranomaly

47.4390, -15.9924, -3.8930

Tritanomaly

46.0200, -0.5029, -25.4505

Monochromacy



Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9570, -4.9088, -12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8220, -13.7162, -34.0469 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(0, 64, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 11)  
}
```

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(0, 64, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 11) }
```

Border

The CSS property to change the border of an element to YUV 38.8220, -13.7162, -34.0469 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(0, 64, 11) }
```

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

```
.border{ border-color:rgb(0, 64, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 11); box-shadow:4px  
4px 4px 4px rgb(0, 64, 11) }
```


Background

The CSS property to change the background color of an element to YUV 38.8220, -13.7162, -34.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 11) }
```

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

```
.background{ background-color: rgb(0, 64,  
11) }
```

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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