

Converting Colors

YUV(38.2350, -13.4269,
-33.5321)

Have a look what the booklet for
YUV(38.2350, -13.4269, -33.5321)
contains.

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Color

**YUV(38.2350, -13.4269,
-33.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	003F0B
RGB	0, 63, 11
RGB Percent	0%, 25%, 4%
CMY	1.0000, 0.7529, 0.9569
CMYK	1.00, 0.00, 0.83, 0.75
HSL	130°, 100%, 12%
HSV	130°, 100%, 25%
XYZ	1.8379, 3.5792, 0.9106
YIQ	38.2350, -20.8560, -29.5280

Conversions

Conversions Part 2

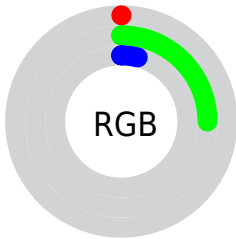
Format	Color
RYB	0, 54, 63
Decimal	16139
CIELab	22.23, -30.57, 25.30
CIELCh	22, 39.684, 140.391
Yxy	3.5792, 0.2905, 0.5656
Android (android.graphics.Color)	4278206219 (0xFF003F0B)
YUV	38.2350, -13.4269, -33.5321
Hunter-Lab	18.9187, -15.7669, 10.3894

Details

The YUV color **38.2350, -13.4269, -33.5321** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **24.7650, 13.4269, 33.5321**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1710, -16.3533, -28.2140**, and **8.8050, -4.3409, -7.7220** is the 20% darker color. If you saturate the color by 10%, you get **38.2350, -13.4269, -33.5321**, and if you desaturate by 10%, it is **40.5990, -12.1273, -30.3433**.

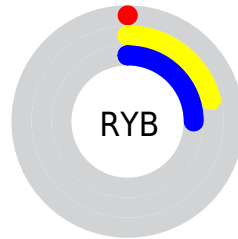
Distribution



Red (0%)

Green (25%)

Blue (4%)



Red (0%)

Yellow (21%)

Blue (25%)

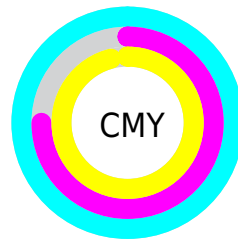


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (75%)



Cyan (100%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2350, -13.4269, -33.5321 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 38.2350, -13.4269, -33.5321 by changing the saturation by 10% instead.

■ 38.2350, -13.4269,
-33.5321

■ 38.2350, -13.4269,
-33.5321

■ 250.4850, -5.6621,
-3.9333

■ 24.0670, -11.8650,
-21.1068

■ 89.1710, -16.3533,
-28.2140

■ 8.8050, -4.3409,
-7.7220

■ 114.0570,
-16.7901, -28.1140

■ 0.0000, 0.0000,
0.0000


■ 140.4160,
-17.9531, -28.4288


■ 167.0030,
-18.2425, -28.9436


■ 194.4760,
-18.9687, -29.3585


■ 222.9490,


-19.6949, -29.7733


 238.6220,
-13.6176, -18.9625


 38.2350, -13.4269,
-33.5321

 40.5990, -12.1273,
-30.3433

 43.2620, -10.9752,
-26.5398

 45.7400, -9.2388,
-23.4510

 48.1040, -7.9393,
-20.2622

 50.7670, -6.7871,
-16.4587

■ 53.1310, -5.4876,
-13.2699

■ 55.4950, -4.1880,
-10.0811

■ 57.9730, -2.4517,
-6.9923

■ 60.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



48.3980, -23.8602, -0.3490



38.2350, -13.4269, -33.5321



43.5300, -0.7543, -38.1758

Triad

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



38.2350, -13.4269, -33.5321



47.9880, 31.5579, -42.0855



46.8260, -5.8302, 50.1416

Complementary

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



38.2350, -13.4269, -33.5321



24.7650, 13.4269, 33.5321

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.



48.9360, 7.4266, 44.7831



38.2350, -13.4269, -33.5321



49.8490, 29.1614, -20.0386

Square

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



38.2350, -13.4269, -33.5321



49.3270, 23.9958, -43.2598



54.2410, 18.1222, 20.8366



49.1070, -22.2378, 39.3712

Rectangle

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



38.2350, -13.4269, -33.5321



45.9240, 8.4185, -40.2753



54.2410, 18.1222, 20.8366



46.6780, -1.3203, 50.2714

Sweetspot

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



38.2350, -13.4269, -33.5321



72.1310, -5.4876, -13.2699



52.8280, -26.0442, 0.1508



35.1470, -3.0305, -8.0219



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



38.2350, -13.4269, -33.5321



49.7300, -17.6149, -43.6132



41.7690, 0.1139, -36.6314



29.7610, -0.8682, -1.5444



57.0020, -20.2140, -49.9908



134.7600, -47.2097, -118.1845

Inverse Universe

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



24.7650, 13.4269, 33.5321



32.1560, 17.1781, 43.7132



21.2310, -0.1139, 36.6314



29.1250, 0.4314, 1.6444



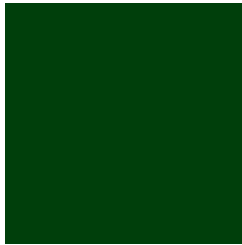
36.9980, 20.2140, 49.9908



87.2400, 47.2097, 118.1845

Previews

White Background



This preview shows how the YUV color 38.2350, -13.4269, -33.5321 looks on a white background.

Color Contrast Check

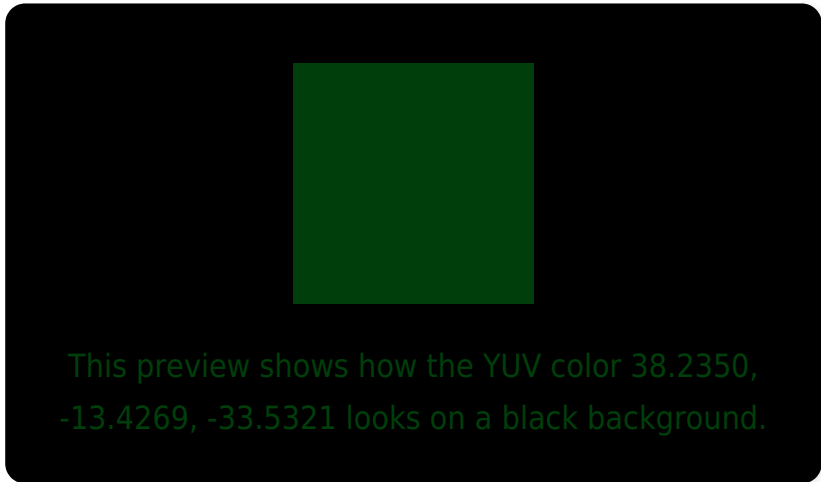
Large Text (above 18pt) WCAG AA ✓ Pass

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

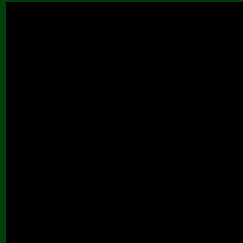
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2350, -13.4269, -33.5321

Background



This preview shows how black text looks on a background with the YUV color 38.2350, -13.4269, -33.5321.



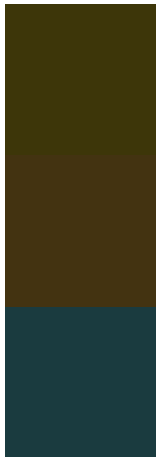
This preview shows how white text looks on a background with the YUV color 38.2350, -13.4269, -33.5321.

-33.5321.

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

50.9630, -20.6878, 8.8024

Deuteranopia

51.9080, -17.2096, 13.2357

Tritanopia

49.5890, 6.6116, -20.6876

Trichromacy



Protanomaly

46.2600, -17.8762, -6.3670

Deuteranomaly

46.8520, -15.7030, -3.3782

Tritanomaly

45.3190, -0.6503, -24.8358

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9570, -4.9088, -12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2350, -13.4269, -33.5321 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, 63, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 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, 63, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 11) }
```

Border

The CSS property to change the border of an element to YUV 38.2350, -13.4269, -33.5321 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, 63, 11) }
```

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

```
.border{ border-color:rgb(0, 63, 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, 63, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 11); box-shadow:4px  
4px 4px 4px rgb(0, 63, 11) }
```


Background

The CSS property to change the background color of an element to YUV 38.2350, -13.4269, -33.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 11) }
```

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

```
.background{ background-color: rgb(0, 63,  
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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