

Converting Colors

YUV(70.3410, -17.4231,
-11.7001)

Have a look what the booklet for
YUV(70.3410, -17.4231, -11.7001)
contains.

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Color

**YUV(70.3410, -17.4231,
-11.7001)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 395423 |
| RGB | 57, 84, 35 |
| RGB Percent | 22%, 33%, 14% |
| CMY | 0.7765, 0.6706, 0.8627 |
| CMYK | 0.32, 0.00, 0.58, 0.67 |
| HSL | 93°, 41%, 23% |
| HSV | 93°, 58%, 33% |
| XYZ | 5.1610, 7.3319, 2.7333 |
| YIQ | 70.3410, -0.3630, -20.9630 |

Conversions

Conversions Part 2

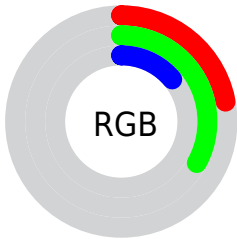
| Format | Color |
|-------------------------------------|--------------------------------|
| R_YB | 35, 84, 62 |
| Decimal | 3757091 |
| CIE _{Lab} | 32.55, -19.93, 25.15 |
| CIE _{LCh} | 33, 32.089, 128.402 |
| Yxy | 7.3319, 0.3390, 0.4815 |
| Android (android.graphics.Color) | 4281947171 (0xFF395423) |
| YUV | 70.3410, -17.4231, -11.7001 |
| Hunter-Lab | 27.0774, -13.3628, 12.9692 |

Details

The YUV color **70.3410, -17.4231, -11.7001** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **48.6590, 17.4231, 11.7001**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5860, -19.0229, -11.9149**, and **26.7800, -13.2025, -12.0851** is the 20% darker color. If you saturate the color by 10%, you get **67.9340, -20.1805, -13.9741**, and if you desaturate by 10%, it is **72.7480, -14.6658, -9.4260**.

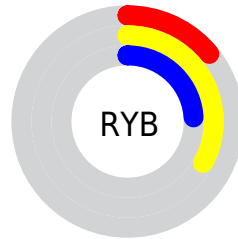
Distribution



Red (22%)

Green (33%)

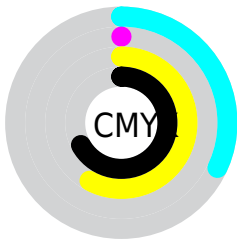
Blue (14%)



Red (14%)

Yellow (33%)

Blue (24%)

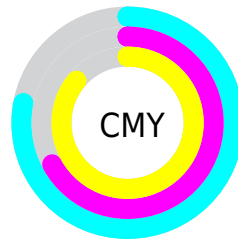


Cyan (32%)

Magenta (0%)

Yellow (58%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3410, -17.4231, -11.7001 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 70.3410, -17.4231, -11.7001 by changing the saturation by 10% instead.

■ 70.3410, -17.4231,
-11.7001

■ 70.3410, -17.4231,
-11.7001

255.0000, 0.0000,
0.0000

■ 47.4550, -16.9863,
-11.8000

■ 119.5860,
-19.0229, -11.9149

■ 26.7800, -13.2025,
-12.0851

■ 145.4720,
-19.4597, -11.8149

■ 9.3920, -4.6303,
-8.2368

■ 171.9450,
-20.1859, -12.2298

■ 0.0000, 0.0000,
0.0000

■ 199.4180,
-20.9121, -12.6446

■ 227.4180,
-20.9121, -12.6446

■ 246.2110,

-16.8660, -3.6930

■ 253.4040, -6.1152,
1.3997

■ 70.3410, -17.4231,
-11.7001

■ 70.3410, -17.4231,
-11.7001

■ 67.9340, -20.1805,
-13.9741

■ 72.7480, -14.6658,
-9.4260

■ 65.7120, -23.5220,
-15.5334

■ 74.9700, -11.3242,
-7.8667

■ 63.3050, -26.2794,
-17.8075

■ 77.3770, -8.5669,
-5.5926

■ 60.7840, -29.4735,
-19.9816

■ 79.8980, -5.3727,
-3.4185

■ 60.6700, -29.9103,
-19.8816

■ 82.0060, -2.4680,
-1.7593

■ 84.4130, 0.2894,
0.5148

■ 86.6350, 3.6309,
2.0741

■ 89.0420, 6.3883,
4.3482

■ 91.5630, 9.5824,
6.5222

Harmonies

Analogous

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



73.6380, -24.4715, 9.0875



70.3410, -17.4231, -11.7001



62.3400, -2.6326, -42.3942

Triad

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



70.3410, -17.4231, -11.7001



63.3300, 29.4173, -55.5404



76.4550, -3.1823, 40.8200

Complementary

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



70.3410, -17.4231, -11.7001



48.6590, 17.4231, 11.7001

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.



78.7770, 8.4909, 30.0136



70.3410, -17.4231, -11.7001



72.5340, 26.8517, -25.9013

Square

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



70.3410, -17.4231, -11.7001



63.8540, 21.2710, -56.0000



78.8650, 18.3076, 8.0114



75.7570, -14.6702, 38.8011

Rectangle

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



70.3410, -17.4231, -11.7001



60.6790, 6.5673, -53.2155



78.8650, 18.3076, 8.0114



76.8830, 1.0437, 38.6906

Sweetspot

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



70.3410, -17.4231, -11.7001



104.4310, -7.1145, -4.7630



65.5000, -15.0365, 16.2245



52.5390, -4.2097, -3.1037



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.3410, -17.4231, -11.7001



88.3650, -27.2949, -18.7371



63.9910, -13.3066, -25.4251



39.9460, -1.4524, -0.8296



75.6880, -37.3142, -25.1594



167.2800, -82.4690, -55.4966

Inverse Universe

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



48.6590, 17.4231, 11.7001



54.3360, 27.4424, 18.1223



55.0090, 13.3066, 25.4251



38.0540, 1.4524, 0.8296



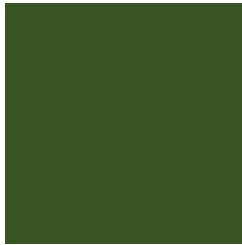
29.3120, 37.3142, 25.1594



64.7200, 82.4690, 55.4966

Previews

White Background



This preview shows how the YUV color 70.3410, -17.4231, -11.7001 looks on a white background.

Color Contrast Check

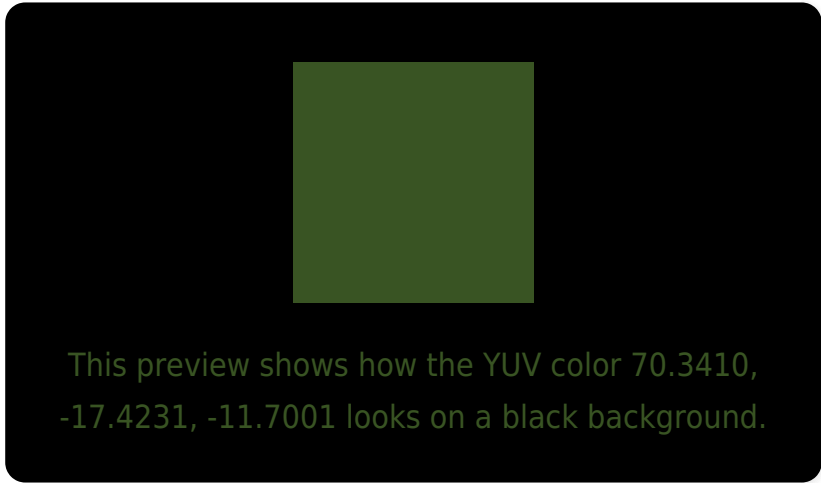
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.3410, -17.4231, -11.7001

Background



This preview shows how black text looks on a background with the YUV color 70.3410, -17.4231, -11.7001.



This preview shows how white text looks on a background with the YUV color 70.3410, -17.4231, -11.7001.

-11.7001.

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

70.3410, -17.4231, -11.7001

Protanopia

73.7890, -20.1090, 9.8320

Deuteranopia

75.2890, -18.3835, 16.4095



Tritanopia

75.1990, 4.8319, -9.8215

Trichromacy



Original Color

70.3410, -17.4231, -11.7001

Protanomaly

72.6740, -19.0663, 2.0399

Deuteranomaly

73.6360, -18.0615, 6.4582

Tritanomaly

73.4240, -3.1670, -10.8958

Monochromacy



Original Color

70.3410, -17.4231, -11.7001

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9580, -6.3883, -4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3410, -17.4231, -11.7001 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(57, 84, 35)` looks like.

```
.text, #text, p{  
    color:rgb(57, 84, 35)  
}
```

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(57, 84, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 84, 35) }
```

Border

The CSS property to change the border of an element to YUV 70.3410, -17.4231, -11.7001 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(57, 84, 35) }
```


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

```
.border{ border-color:rgb(57, 84, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 84, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 84, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 84, 35);  
box-shadow:4px 4px 4px 4px rgb(57, 84, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3410, -17.4231, -11.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 84, 35) }
```

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

```
.background{ background-color: rgb(57, 84,  
35) }
```

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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