

Converting Colors

YUV(70.1330, -11.8976,
-10.6406)

Have a look what the booklet for
YUV(70.1330, -11.8976, -10.6406)
contains.

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Color

**YUV(70.1330, -11.8976,
-10.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	3A512E
RGB	58, 81, 46
RGB Percent	23%, 32%, 18%
CMY	0.7725, 0.6824, 0.8196
CMYK	0.28, 0.00, 0.43, 0.68
HSL	99°, 28%, 25%
HSV	99°, 43%, 32%
XYZ	5.1805, 6.9817, 3.6593
YIQ	70.1330, -2.4730, -15.7610

Conversions

Conversions Part 2

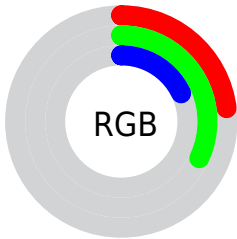
Format	Color
R_{YB}	46, 81, 69
Decimal	3821870
CIE _{Lab}	31.77, -16.31, 17.81
CIE _{LCh}	32, 24.150, 132.479
Yxy	6.9817, 0.3274, 0.4413
Android (android.graphics.Color)	4282011950 (0xFF3A512E)
YUV	70.1330, -11.8976, -10.6406
Hunter-Lab	26.4228, -11.2430, 10.2848

Details

The YUV color **70.1330, -11.8976, -10.6406** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **56.8670, 11.8976, 10.6406**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4920, -13.0606, -10.9555**, and **25.9160, -12.7766, -8.6963** is the 20% darker color. If you saturate the color by 10%, you get **67.7260, -14.6549, -12.9147**, and if you desaturate by 10%, it is **72.5400, -9.1402, -8.3666**.

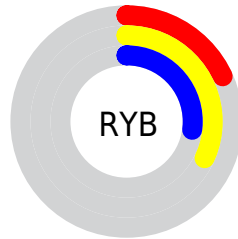
Distribution



Red (23%)

Green (32%)

Blue (18%)



Red (18%)

Yellow (32%)

Blue (27%)

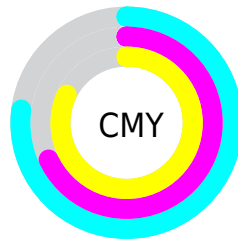


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (68%)



Cyan (77%)

Magenta (68%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1330, -11.8976, -10.6406 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 70.1330, -11.8976, -10.6406 by changing the saturation by 10% instead.

70.1330, -11.8976,
-10.6406

70.1330, -11.8976,
-10.6406

255.0000, 0.0000,
0.0000

47.3610, -11.0240,
-10.8406

118.4920,
-13.0606, -10.9555

25.9160, -12.7766,
-8.6963

144.9650,
-13.7867, -11.3703

7.0440, -3.4727,
-6.1776

170.9650,
-13.7867, -11.3703

0.0000, 0.0000,
0.0000

198.4380,
-14.5129, -11.7851

227.0250,
-14.8023, -12.2999

247.3940,

-11.0402, -5.6075

254.7720, -0.8736,
0.2000

■ 70.1330, -11.8976,
-10.6406

■ 70.1330, -11.8976,
-10.6406

■ 67.7260, -14.6549,
-12.9147

■ 72.5400, -9.1402,
-8.3666

■ 65.0200, -17.2649,
-15.8035

■ 75.2460, -6.5303,
-5.4777

■ 62.6130, -20.0222,
-18.0776

■ 77.6530, -3.7729,
-3.2037

■ 60.2060, -22.7796,
-20.3517

■ 80.0600, -1.0156,
-0.9296

■ 57.5000, -25.3895,
-23.2405

■ 82.8800, 2.0312,
1.8592

■ 55.9190, -27.5681,
-24.4850

■ 85.2870, 4.7885,
4.1333

■ 87.6940, 7.5459,
6.4074

■ 90.4000, 10.1558,
9.2962

■ 92.8070, 12.9131,
11.5703

Harmonies

Analogous

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



72.4510, -17.4773, 5.7435



70.1330, -11.8976, -10.6406



66.0580, -1.5076, -29.8689

Triad

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



70.1330, -11.8976, -10.6406



65.2950, 22.5326, -40.6007



76.0470, -4.4602, 30.6538

Complementary

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



70.1330, -11.8976, -10.6406



56.8670, 11.8976, 10.6406

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.



76.8210, 5.0182, 23.8360



70.1330, -11.8976, -10.6406



73.8470, 18.8094, -13.0208

Square

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



70.1330, -11.8976, -10.6406



60.1210, 19.6603, -52.7261



77.0840, 12.7766, 8.6963



74.9730, -12.3117, 28.9647

Rectangle

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



70.1330, -11.8976, -10.6406



59.7550, 8.0088, -48.8971



77.0840, 12.7766, 8.6963



75.9590, -0.9658, 29.8540

Sweetspot

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



70.1330, -11.8976, -10.6406



100.7130, -4.7885, -4.1333



69.9660, -11.8152, 9.6768



51.1800, -3.0467, -2.7889



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.1330, -11.8976, -10.6406



87.9660, -18.7172, -16.6332



67.1150, -7.9447, -18.5179



39.6470, -1.3050, -1.4444



72.3990, -35.6927, -31.9219



160.1040, -78.9313, -70.2512

Inverse Universe

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



56.8670, 11.8976, 10.6406



67.0340, 18.7172, 16.6332



59.8850, 7.9447, 18.5179



38.0540, 1.4524, 0.8296



32.6010, 35.6927, 31.9219



71.8960, 78.9313, 70.2512

Previews

White Background



This preview shows how the YUV color 70.1330, -11.8976, -10.6406 looks on a white background.

Color Contrast Check

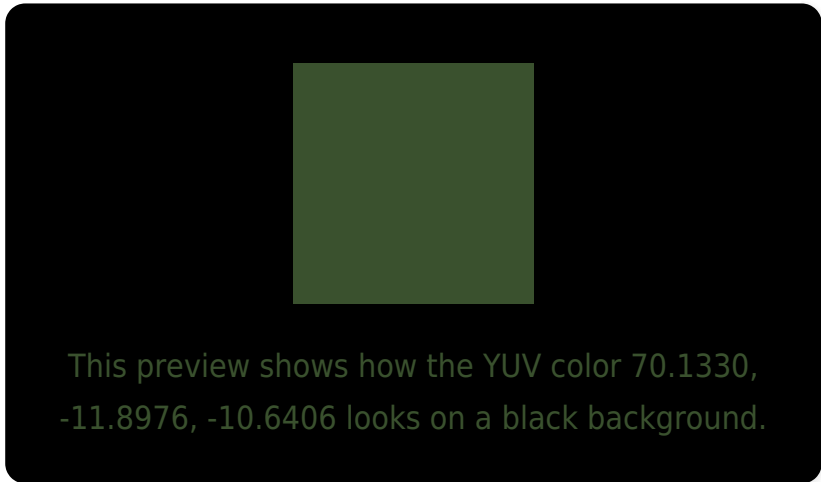
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.1330, -11.8976, -10.6406

Background



This preview shows how black text looks on a background with the YUV color 70.1330, -11.8976, -10.6406.



This preview shows how white text looks on a background with the YUV color 70.1330, -11.8976,

-10.6406.

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

70.1330, -11.8976, -10.6406

Protanopia

73.5590, -14.5726, 7.4028

Deuteranopia

74.0590, -12.8471, 13.9803



Tritanopia

73.7970, 4.5371, -8.5920

Trichromacy



Original Color

70.1330, -11.8976, -10.6406

Protanomaly

72.1560, -13.3879, 0.7402

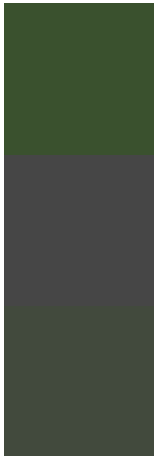
Deuteranomaly

72.7050, -12.6726, 4.6437

Tritanomaly

72.3040, -1.1359, -9.0366

Monochromacy



Original Color

70.1330, -11.8976, -10.6406

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1330, -11.8976, -10.6406 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(58, 81, 46)` looks like.

```
.text, #text, p{  
    color:rgb(58, 81, 46)  
}
```

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(58, 81, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 81, 46) }
```

Border

The CSS property to change the border of an element to YUV 70.1330, -11.8976, -10.6406 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(58, 81, 46) }
```


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

```
.border{ border-color:rgb(58, 81, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 81, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 81, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 81, 46);  
box-shadow:4px 4px 4px 4px rgb(58, 81, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1330, -11.8976, -10.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 81, 46) }
```

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

```
.background{ background-color: rgb(58, 81,  
46) }
```

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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