

Converting Colors

YUV(153.8600, -41.3430,
7.1388)

Have a look what the booklet for
YUV(153.8600, -41.3430, 7.1388)
contains.

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Color

**YUV(153.8600, -41.3430,
7.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A646
RGB	162, 166, 70
RGB Percent	64%, 65%, 27%
CMY	0.3647, 0.3490, 0.7255
CMYK	0.02, 0.00, 0.58, 0.35
HSL	63°, 41%, 46%
HSV	63°, 58%, 65%
XYZ	29.6420, 35.3960, 11.0642
YIQ	153.8600, 28.4320, -30.7040

Conversions

Conversions Part 2

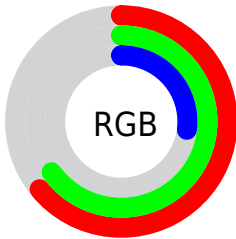
Format	Color
RYB	70, 166, 74
Decimal	10659398
CIELab	66.06, -14.62, 48.15
CIELCh	66, 50.316, 106.887
Yxy	35.3960, 0.3895, 0.4651
Android (android.graphics.Color)	4288849478 (0xFFA2A646)
YUV	153.8600, -41.3430, 7.1388
Hunter-Lab	59.4946, -15.1813, 30.6201

Details

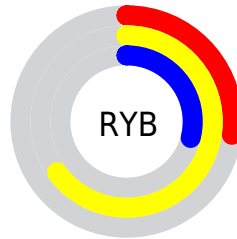
The YUV color **153.8600, -41.3430, 7.1388** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **82.1400, 41.3430, -7.1388**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1160, -42.9482, 8.6683**, and **100.9200, -42.3586, 6.2092** is the 20% darker color. If you saturate the color by 10%, you get **151.6230, -48.6211, 8.2236**, and if you desaturate by 10%, it is **156.0970, -34.0648, 6.0539**.

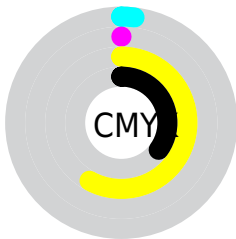
Distribution



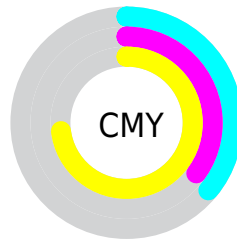
- Red (64%)
- Green (65%)
- Blue (27%)



- Red (27%)
- Yellow (65%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (58%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8600, -41.3430, 7.1388 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 153.8600, -41.3430, 7.1388 by changing the saturation by 10% instead.

■ 153.8600,
-41.3430, 7.1388

■ 153.8600,
-41.3430, 7.1388

■ 255.0000, 0.0000,
0.0000

■ 127.5610,
-41.1956, 6.5240

■ 209.1160,
-42.9482, 8.6683

■ 100.9200,
-42.3586, 6.2092

■ 237.3010,
-43.5324, 9.3830

■ 77.3480, -38.1326,
4.0798

■ 245.9940,
-34.5070, 7.8983

■ 55.7850, -27.5020,
1.0656

■ 249.1860,
-22.2767, 5.0989

■ 35.0970, -17.3028,
-3.5931

■ 252.4920, -9.6096,
2.1995

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 153.8600,
-41.3430, 7.1388

■ 153.8600,
-41.3430, 7.1388

■ 151.6230,
-48.6211, 8.2236

■ 156.0970,
-34.0648, 6.0539

■ 149.7990,
-55.6099, 9.8233

■ 157.9210,
-27.0761, 4.4543

■ 147.5620,
-62.8881, 10.9081

■ 160.1580,
-19.7979, 3.3694

■ 145.4390,
-69.7294, 11.8930

■ 162.2810,
-12.9565, 2.3846

■ 144.9830,
-71.4766, 12.2929

■ 164.2190, -5.5310,
0.6849

■ 166.4560, 1.7472,
-0.3999

■ 168.5790, 8.5886,
-1.3848

■ 170.8160, 15.8667,
-2.4696

■ 172.6400, 22.8555,
-4.0693

Harmonies

Analogous

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



157.7270, -42.7564, 40.5814



153.8600, -41.3430, 7.1388



147.1460, -25.2150, -32.5770

Triad

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



153.8600, -41.3430, 7.1388



131.3100, 46.1892, -115.1589



163.5020, 9.1195, 61.8267

Complementary

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



153.8600, -41.3430, 7.1388



82.1400, 41.3430, -7.1388

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.



165.6190, 28.2888, 26.6441



153.8600, -41.3430, 7.1388



128.6490, 58.8400, -112.8252

Square

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



153.8600, -41.3430, 7.1388



128.5110, 27.8491, -112.7041



158.6000, 43.5812, -25.0822



161.0740, -11.8685, 73.6031

Rectangle

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



153.8600, -41.3430, 7.1388



139.1060, -7.9403, -66.7450



158.6000, 43.5812, -25.0822



164.5700, 15.9880, 52.1201

Sweetspot

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



153.8600, -41.3430, 7.1388



212.1840, -15.8667, 2.4696



100.4650, -15.0192, 57.4742



107.1930, -9.4621, 1.5847



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



153.8600, -41.3430, 7.1388



198.1060, -64.6353, 11.3080



139.8070, -34.4149, -21.7557



83.0880, -3.4944, 0.7998



129.3340, -63.7617, 11.1081



17.7200, -8.7360, 1.9996

Inverse Universe

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



82.1400, 41.3430, -7.1388



85.8940, 64.6353, -11.3080



96.1930, 34.4149, 21.7557



76.9120, 3.4944, -0.7998



18.6660, 63.7617, -11.1081



2.5790, 8.5886, -1.3848

Previews

White Background



This preview shows how the YUV color 153.8600, -41.3430, 7.1388 looks on a white background.

Color Contrast Check

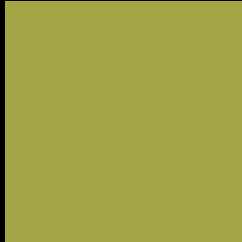
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.8600, -41.3430, 7.1388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

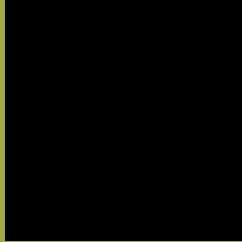
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.8600, -41.3430, 7.1388

Background



This preview shows how black text looks on a background with the YUV color 153.8600, -41.3430, 7.1388.



This preview shows how white text looks on a background with the YUV color 153.8600, -41.3430, 7.1388.

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

153.8600, -41.3430, 7.1388

Protanopia

155.4810, -43.1281, 19.7492

Deuteranopia

157.4490, -41.1404, 35.5632



Tritanopia

162.1520, 2.8831, 8.6367

Trichromacy



Original Color

153.8600, -41.3430, 7.1388

Protanomaly

154.9750, -42.3857, 14.9309

Deuteranomaly

156.3830, -41.1078, 25.0971

Tritanomaly

159.2000, -13.4096, 7.7176

Monochromacy



Original Color

153.8600, -41.3430, 7.1388

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7110, -15.1405, 2.8845

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8600, -41.3430, 7.1388 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(162, 166, 70)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 70)  
}
```

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(162, 166, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 70) }
```

Border

The CSS property to change the border of an element to YUV 153.8600, -41.3430, 7.1388 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(162, 166, 70) }
```


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

```
.border{ border-color:rgb(162, 166, 70) }
```

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

Here you see how a box with a 4 pixel rgb(162, 166, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 70);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 153.8600, -41.3430, 7.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 70) }
```

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

```
.background{ background-color: rgb(162,  
166, 70) }
```

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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