

Converting Colors

YUV(81.1400, -8.9430, 21.8022)

Have a look what the booklet for
YUV(81.1400, -8.9430, 21.8022)
contains.

YUV(81.1400, -8.9430, 21.8022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(81.1400, -8.9430,
21.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	6A483F
RGB	106, 72, 63
RGB Percent	42%, 28%, 25%
CMY	0.5843, 0.7176, 0.7529
CMYK	0.00, 0.32, 0.41, 0.58
HSL	13°, 25%, 33%
HSV	13°, 41%, 42%
XYZ	9.1584, 8.0578, 5.7752
YIQ	81.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

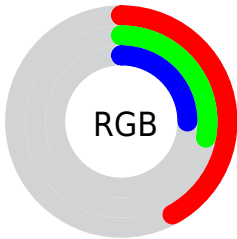
Format	Color
R_{YB}	106, 74, 63
Decimal	6965311
CIE _{Lab}	34.10, 13.27, 11.24
CIE _{LCh}	34, 17.387, 40.274
Yxy	8.0578, 0.3983, 0.3505
Android (android.graphics.Color)	4285155391 (0xFF6A483F)
YUV	81.1400, -8.9430, 21.8022
Hunter-Lab	28.3862, 7.9147, 7.8077

Details

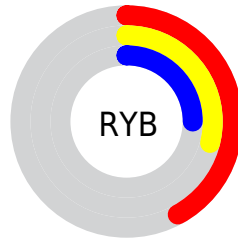
The YUV color **81.1400, -8.9430, 21.8022** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.8600, 8.9430, -21.8022**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2220, -9.9694, 24.3613**, and **35.8730, -7.3324, 18.5284** is the 20% darker color. If you saturate the color by 10%, you get **75.1900, -11.4327, 27.0204**, and if you desaturate by 10%, it is **87.0900, -6.4534, 16.5841**.

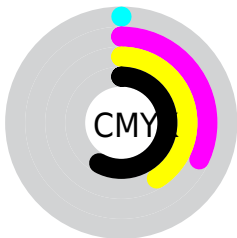
Distribution



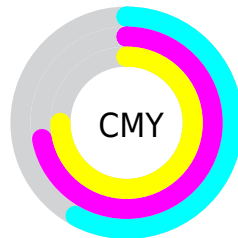
- Red (42%)
- Green (28%)
- Blue (25%)



- Red (42%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (58%)



- Cyan (58%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1400, -8.9430, 21.8022 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 81.1400, -8.9430, 21.8022 by changing the saturation by 10% instead.

81.1400, -8.9430,
21.8022

81.1400, -8.9430,
21.8022

255.0000, 0.0000,
0.0000

57.6560, -8.2114,
20.4727

131.2220, -9.9694,
24.3613

35.8730, -7.3324,
18.5284

157.4070,
-10.5537, 25.0761

13.1120, -6.4642,
20.0728

184.0050,
-10.8485, 26.3056

0.0000, 0.0000,
0.0000

212.1900,
-11.4327, 27.0204

235.4060, -9.0742,
17.1839

253.9740, -3.9312,

0.8998

■ 81.1400, -8.9430,
21.8022

■ 81.1400, -8.9430,
21.8022

■ 75.1900, -11.4327,
27.0204

■ 87.0900, -6.4534,
16.5841

■ 68.7670, -13.1961,
32.6533

■ 93.5130, -4.6899,
10.9511

■ 62.8170, -15.6858,
37.8715

■ 99.4630, -2.2003,
5.7329

■ 56.3940, -17.4492,
43.5045

■ 105.8860, -0.4368,
0.1000

■ 50.4440, -19.9389,
48.7226

■ 111.8360, 2.0529,
-5.1182

■ 44.6080, -21.9917,
53.8408

■ 117.7860, 4.5425,
-10.3363

■ 124.2090, 6.3060,
-15.9693

■ 130.1590, 8.7956,
-21.1874

■ 135.9950, 10.8485,
-26.3056

Harmonies

Analogous

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



82.0460, -2.9807, 22.7617



81.1400, -8.9430, 21.8022



80.1840, -12.4157, 15.6246

Triad

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



81.1400, -8.9430, 21.8022



75.1950, -2.5611, -18.5880



79.7890, 13.4150, -9.4620

Complementary

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



81.1400, -8.9430, 21.8022



87.8600, 8.9430, -21.8022

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.



76.0430, 14.7688, -23.7167



81.1400, -8.9430, 21.8022



73.3060, 5.7651, -29.2094

Square

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



81.1400, -8.9430, 21.8022



77.5510, -9.1456, -6.6222



73.3040, 12.1751, -31.8386



81.8510, 9.4405, 5.3927

Rectangle

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



81.1400, -8.9430, 21.8022



79.3250, -12.9782, 9.3620



73.3040, 12.1751, -31.8386



78.3970, 14.5943, -14.3802

Sweetspot

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



81.1400, -8.9430, 21.8022



128.4310, -3.6635, 8.3920



79.7330, 8.5126, 23.0362



63.1640, -2.0529, 5.1182



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



81.1400, -8.9430, 21.8022



98.5500, -14.0751, 34.5977



93.4670, -15.0202, 10.9914



50.3810, -1.1738, 3.1739



49.6580, -24.4814, 59.0589



103.1920, -50.8737, 124.3656

Inverse Universe

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



87.8600, 8.9430, -21.8022



109.4500, 14.0752, -34.5976



75.5330, 15.0202, -10.9914



51.0320, 1.4632, -2.6591



67.9290, 24.1920, -59.5737



141.8080, 50.8737, -124.3656

Previews

White Background



This preview shows how the YUV color 81.1400, -8.9430, 21.8022 looks on a white background.

Color Contrast Check

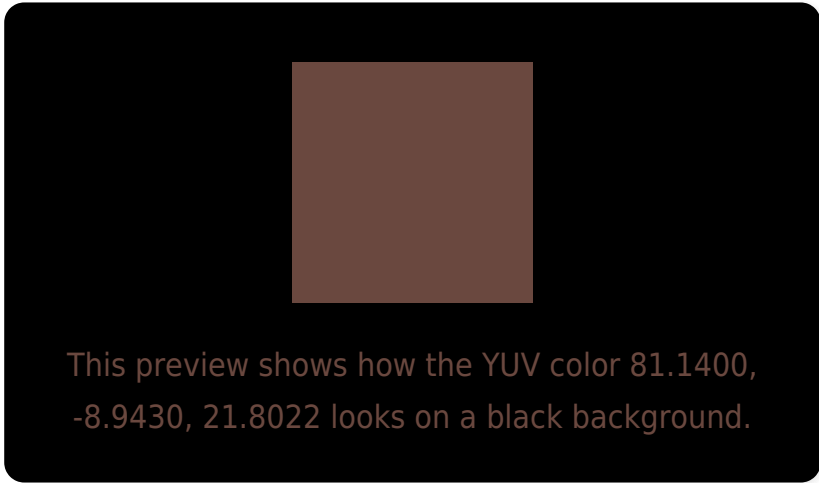
Large Text (above 18pt) WCAG AA ✓ Pass

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

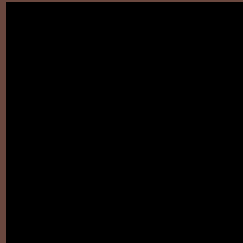
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1400, -8.9430, 21.8022

Background



This preview shows how black text looks on a background with the YUV color 81.1400, -8.9430, 21.8022.

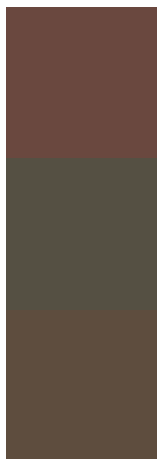


This preview shows how white text looks on a background with the YUV color 81.1400, -8.9430,

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

81.1400, -8.9430, 21.8022

Protanopia

80.0130, -6.4154, 4.3736

Deuteranopia

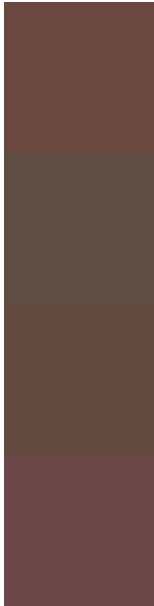
80.3730, -9.0579, 11.9509



Tritanopia

81.6330, -3.2701, 22.2469

Trichromacy



Original Color

81.1400, -8.9430, 21.8022

Protanomaly

80.5300, -7.1633, 10.9362

Deuteranomaly

80.3950, -9.0687, 15.4396

Tritanomaly

81.7640, -5.3067, 22.1320

Monochromacy



Original Color

81.1400, -8.9430, 21.8022

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1320, -3.5161, 7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1400, -8.9430, 21.8022 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(106, 72, 63)` looks like.

```
.text, #text, p{  
    color:rgb(106, 72, 63)  
}
```

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(106, 72, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 72, 63) }
```

Border

The CSS property to change the border of an element to YUV 81.1400, -8.9430, 21.8022 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(106, 72, 63) }
```


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

```
.border{ border-color:rgb(106, 72, 63) }
```

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

Here you see how a box with a 4 pixel rgb(106, 72, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 72, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 72, 63);  
box-shadow:4px 4px 4px 4px rgb(106, 72,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 81.1400, -8.9430, 21.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 72, 63) }
```

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

```
.background{ background-color: rgb(106, 72,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor