

Converting Colors

YUV(81.1530, 4.8546, 29.6838)

Have a look what the booklet for
YUV(81.1530, 4.8546, 29.6838)
contains.

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Color

**YUV(81.1530, 4.8546,
29.6838)**

Conversions

Conversions Part 1

Format	Color
Hex	733E5B
RGB	115, 62, 91
RGB Percent	45%, 24%, 36%
CMY	0.5490, 0.7569, 0.6431
CMYK	0.00, 0.46, 0.21, 0.55
HSL	327°, 30%, 35%
HSV	327°, 46%, 45%
XYZ	10.6812, 7.8454, 10.8489
YIQ	81.1530, 22.2790, 20.2550

Conversions

Conversions Part 2

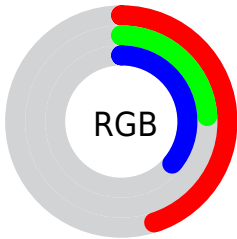
Format	Color
R_{YB}	115, 62, 91
Decimal	7552603
CIE _{Lab}	33.66, 27.24, -7.10
CIE _{LCh}	34, 28.149, 345.388
Yxy	7.8454, 0.3636, 0.2671
Android (android.graphics.Color)	4285742683 (0xFF733E5B)
YUV	81.1530, 4.8546, 29.6838
Hunter-Lab	28.0097, 19.0521, -3.3578

Details

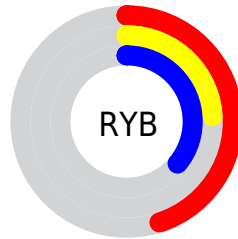
The YUV color **81.1530, 4.8546, 29.6838** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.8470, -4.8546, -29.6838**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4630, 4.7017, 32.0429**, and **33.9570, 5.4442, 27.2247** is the 20% darker color. If you saturate the color by 10%, you get **74.1260, 5.8539, 35.8465**, and if you desaturate by 10%, it is **88.7670, 3.5659, 23.0063**.

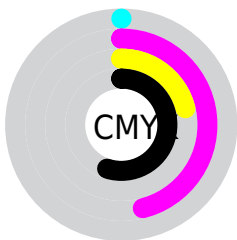
Distribution



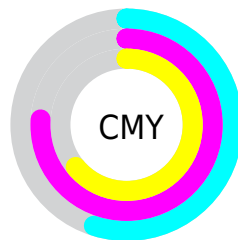
- Red (45%)
- Green (24%)
- Blue (36%)



- Red (45%)
- Yellow (24%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (55%)



- Cyan (55%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1530, 4.8546, 29.6838 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 81.1530, 4.8546, 29.6838 by changing the saturation by 10% instead.

81.1530, 4.8546,
29.6838

81.1530, 4.8546,
29.6838

255.0000, 0.0000,
0.0000

57.5550, 5.1494,
28.4543

131.4630, 4.7017,
32.0429

33.9570, 5.4442,
27.2247

158.1750, 4.8437,
33.1725

15.7070, 4.5814,
23.9360

184.8870, 4.9857,
34.3021

0.0000, 0.0000,
0.0000

213.1860, 4.8383,
34.9169

233.4120, 8.6709,
18.9327

250.3040, 2.3151,

4.1184

■ 81.1530, 4.8546,
29.6838

■ 81.1530, 4.8546,
29.6838

■ 74.1260, 5.8539,
35.8465

■ 88.7670, 3.5659,
23.0063

■ 66.5120, 7.1426,
42.5240

■ 95.7940, 2.5666,
16.8437

■ 59.3710, 7.7051,
48.7866

■ 103.5220, 1.7147,
10.0662

■ 51.7570, 8.9938,
55.4641

■ 110.5490, 0.7153,
3.9035

■ 44.7300, 9.9931,
61.6268

■ 118.1630, -0.5734,
-2.7740

■ 41.5670, 10.5665,
64.4007

■ 125.1900, -1.5727,
-8.9366

■ 132.8040, -2.8614,
-15.6141

■ 139.9450, -3.4239,
-21.8768

■ 146.9720, -4.4232,
-28.0394

Harmonies

Analogous

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



81.8610, 14.3655, 12.3999



81.1530, 4.8546, 29.6838



79.7380, -5.7868, 36.1868

Triad

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



81.1530, 4.8546, 29.6838



76.3430, -20.3821, 4.0842



64.7830, 22.2920, -56.8147

Complementary

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



81.1530, 4.8546, 29.6838



95.8470, -4.8546, -29.6838

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.



63.6770, 12.9772, -55.8447



81.1530, 4.8546, 29.6838



73.1710, -12.9023, -15.0590

Square

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



81.1530, 4.8546, 29.6838



77.9260, -21.1625, 21.1129



66.4480, 0.2721, -40.7349



64.1020, 28.5437, -55.3405

Rectangle

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



81.1530, 4.8546, 29.6838



79.4190, -12.0386, 34.7125



66.4480, 0.2721, -40.7349



64.6860, 19.3818, -56.7296

Sweetspot

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



81.1530, 4.8546, 29.6838



136.6470, 2.1460, 11.7106



75.2180, 19.6125, 9.4558



68.0980, 1.4307, 7.8071



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



81.1530, 4.8546, 29.6838



97.6480, 7.5685, 45.9127



78.1890, -6.5022, 32.2832



55.1360, 0.4260, 3.3887



44.1160, 11.2818, 68.3043



90.3680, 22.9896, 139.9973

Inverse Universe

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



81.1530, 4.8546, 29.6838



97.6480, 7.5685, 45.9127



98.8110, 6.5022, -32.2832



55.1360, 0.4260, 3.3887



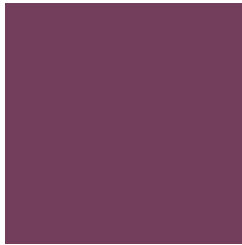
44.1160, 11.2818, 68.3043



90.3680, 22.9896, 139.9973

Previews

White Background



This preview shows how the YUV color 81.1530, 4.8546, 29.6838 looks on a white background.

Color Contrast Check

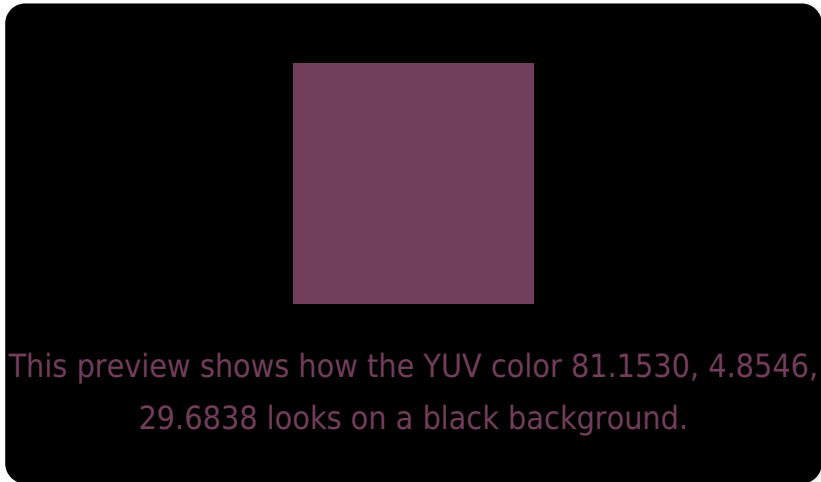
Large Text (above 18pt) WCAG AA ✓ Pass

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

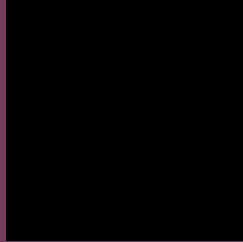
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1530, 4.8546, 29.6838

Background



This preview shows how black text looks on a background with the YUV color 81.1530, 4.8546, 29.6838.



This preview shows how white text looks on a background with the YUV color 81.1530, 4.8546, 29.6838.

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

81.1530, 4.8546, 29.6838

Protanopia

80.1270, 10.7834, -5.3734

Deuteranopia

80.6350, 3.6309, 2.0741



Tritanopia

80.6230, -4.7441, 28.3946

Trichromacy



Original Color

81.1530, 4.8546, 29.6838

Protanomaly

80.6340, 8.5614, 7.3370

Deuteranomaly

80.8150, 4.0352, 12.4402

Tritanomaly

81.1330, -1.5446, 28.8244

Monochromacy



Original Color

81.1530, 4.8546, 29.6838

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1530, 4.8546, 29.6838 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(115, 62, 91)` looks like.

```
.text, #text, p{  
    color:rgb(115, 62, 91)  
}
```

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(115, 62, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 62, 91) }
```

Border

The CSS property to change the border of an element to YUV 81.1530, 4.8546, 29.6838 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(115, 62, 91) }
```


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

```
.border{ border-color:rgb(115, 62, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 62, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 62, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 62, 91);  
box-shadow:4px 4px 4px 4px rgb(115, 62,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 81.1530, 4.8546, 29.6838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 62, 91) }
```

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

```
.background{ background-color: rgb(115, 62,  
91) }
```

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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