

Converting Colors

YUV(81.4670, -28.3312,
33.7934)

Have a look what the booklet for
YUV(81.4670, -28.3312, 33.7934)
contains.

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Color

**YUV(81.4670, -28.3312,
33.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	784918
RGB	120, 73, 24
RGB Percent	47%, 29%, 9%
CMY	0.5294, 0.7137, 0.9059
CMYK	0.00, 0.39, 0.80, 0.53
HSL	31°, 67%, 28%
HSV	31°, 80%, 47%
XYZ	10.2931, 8.8241, 2.0249
YIQ	81.4670, 43.7410, -5.2750

Conversions

Conversions Part 2

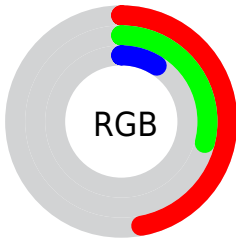
Format	Color
RYB	116, 120, 24
Decimal	7883032
CIELab	35.64, 15.73, 36.05
CIELCh	36, 39.333, 66.433
Yxy	8.8241, 0.4869, 0.4174
Android (android.graphics.Color)	4286073112 (0xFF784918)
YUV	81.4670, -28.3312, 33.7934
Hunter-Lab	29.7054, 9.8671, 16.7523

Details

The YUV color **81.4670, -28.3312, 33.7934** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **62.5330, 28.3312, -33.7934**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3320, -30.2367, 38.2968**, and **37.0560, -18.2686, 26.2609** is the 20% darker color. If you saturate the color by 10%, you get **76.5770, -31.8365, 38.0820**, and if you desaturate by 10%, it is **86.3570, -24.8260, 29.5049**.

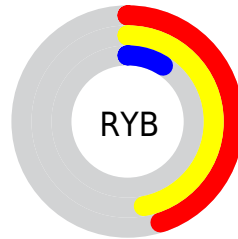
Distribution



 Red (47%)

 Green (29%)

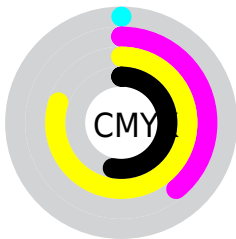
 Blue (9%)



 Red (45%)

 Yellow (47%)

 Blue (9%)

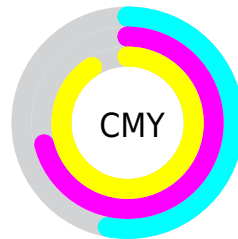



 Cyan (0%)

 Magenta (39%)

 Yellow (80%)

 Black (53%)



 Cyan (53%)

 Magenta (71%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4670, -28.3312, 33.7934 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 81.4670, -28.3312, 33.7934 by changing the saturation by 10% instead.

81.4670, -28.3312,
33.7934

81.4670, -28.3312,
33.7934

255.0000, 0.0000,
0.0000

57.1570, -28.1784,
31.4343

132.3320,
-30.2367, 38.2968

37.0560, -18.2686,
26.2609

159.0010,
-31.5525, 40.3411

16.3680, -8.0694,
21.6023

185.8980,
-31.9947, 42.1855

0.0000, 0.0000,
0.0000

211.5770,
-31.8365, 38.0820

231.0910,
-28.1459, 20.9682

248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 81.4670, -28.3312,
33.7934

■ 81.4670, -28.3312,
33.7934

■ 76.5770, -31.8365,
38.0820

■ 86.3570, -24.8260,
29.5049

■ 71.6870, -35.3417,
42.3705

■ 91.2470, -21.3208,
25.2164

■ 96.1370, -17.8155,
20.9279

■ 101.0270,
-14.3103, 16.6393

■ 105.3300,
-10.5157, 12.8656

■ 110.2200, -7.0105,
8.5771

■ 115.1100, -3.5052,
4.2885

■ 120.0000, 0.0000,
0.0000

■ 124.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



82.2420, -16.8813, 48.0228



81.4670, -28.3312, 33.7934



79.0100, -32.0499, 13.1462

Triad

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



81.4670, -28.3312, 33.7934



68.3730, 10.6621, -59.9631



86.3470, 23.9859, 6.7117

Complementary

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



81.4670, -28.3312, 33.7934



62.5330, 28.3312, -33.7934

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.



74.0140, 35.4891, -42.9853



81.4670, -28.3312, 33.7934



71.2060, 24.0554, -62.4477

Square

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



81.4670, -28.3312, 33.7934



63.4370, -3.1734, -55.6342



71.2520, 34.3858, -62.4880



85.7330, 11.9636, 36.1912

Rectangle

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



81.4670, -28.3312, 33.7934



77.1650, -27.1963, -3.6527



71.2520, 34.3858, -62.4880



84.4810, 27.3709, -5.6838

Sweetspot

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



81.4670, -28.3312, 33.7934



140.5150, -11.0999, 13.5803



58.1760, 6.8152, 54.2196



69.9210, -6.8631, 7.9623



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



81.4670, -28.3312, 33.7934



95.4620, -44.1048, 53.0918



109.0560, -41.9326, 9.5979



58.5550, -1.7526, 2.1443



74.9430, -36.9469, 43.9000



151.0710, -74.4780, 88.5147

Inverse Universe

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



62.5330, 28.3312, -33.7934



65.9510, 44.3942, -52.5770



34.9440, 41.9326, -9.5979



57.4450, 1.7526, -2.1443



50.0570, 36.9469, -43.9000



101.5160, 74.1886, -89.0295

Previews

White Background



This preview shows how the YUV color 81.4670, -28.3312, 33.7934 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



This preview shows how the YUV color 81.4670, -28.3312, 33.7934 looks on a 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 81.4670, -28.3312, 33.7934

Background



This preview shows how black text looks on a background with the YUV color 81.4670, -28.3312, 33.7934.



This preview shows how white text looks on a background with the YUV color 81.4670, -28.3312,

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

81.4670, -28.3312, 33.7934

Protanopia

81.0790, -26.6609, 11.3317

Deuteranopia

81.0480, -29.6037, 21.8829



Tritanopia

85.0150, -5.9234, 33.3128

Trichromacy



Original Color

81.4670, -28.3312, 33.7934

Protanomaly

81.3080, -27.2668, 19.0239

Deuteranomaly

80.8960, -29.0357, 26.4012

Tritanomaly

83.8380, -14.2171, 33.4681

Monochromacy



Original Color

81.4670, -28.3312, 33.7934

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0310, -10.3683, 12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4670, -28.3312, 33.7934 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(120, 73, 24)` looks like.

```
.text, #text, p{  
    color:rgb(120, 73, 24)  
}
```

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(120, 73, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 73, 24) }
```

Border

The CSS property to change the border of an element to YUV 81.4670, -28.3312, 33.7934 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(120, 73, 24) }
```


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

```
.border{ border-color:rgb(120, 73, 24) }
```

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

Here you see how a box with a 4 pixel rgb(120, 73, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 73, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 73, 24);  
box-shadow:4px 4px 4px 4px rgb(120, 73,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 81.4670, -28.3312, 33.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 73, 24) }
```

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

```
.background{ background-color: rgb(120, 73,  
24) }
```

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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