

Converting Colors

YUV(83.6690, -14.6268,
24.8463)

Have a look what the booklet for
YUV(83.6690, -14.6268, 24.8463)
contains.

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Color

**YUV(83.6690, -14.6268,
24.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	704B36
RGB	112, 75, 54
RGB Percent	44%, 29%, 21%
CMY	0.5608, 0.7059, 0.7882
CMYK	0.00, 0.33, 0.52, 0.56
HSL	22°, 35%, 33%
HSV	22°, 52%, 44%
XYZ	9.8640, 8.7432, 4.6578
YIQ	83.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

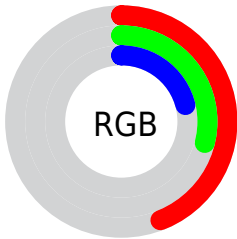
Format	Color
RYB	112, 87, 54
Decimal	7359286
CIELab	35.49, 13.05, 18.82
CIELCh	35, 22.902, 55.265
Yxy	8.7432, 0.4240, 0.3758
Android (android.graphics.Color)	4285549366 (0xFF704B36)
YUV	83.6690, -14.6268, 24.8463
Hunter-Lab	29.5690, 7.8008, 11.3588

Details

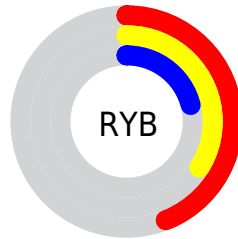
The YUV color **83.6690, -14.6268, 24.8463** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.3310, 14.6268, -24.8463**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9360, -16.2374, 28.1201**, and **37.8750, -13.7424, 21.1576** is the 20% darker color. If you saturate the color by 10%, you get **78.3060, -17.4059, 29.5496**, and if you desaturate by 10%, it is **89.0320, -11.8478, 20.1429**.

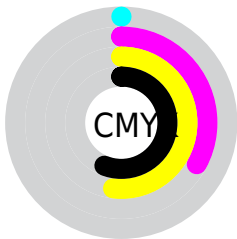
Distribution



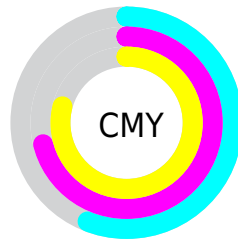
- Red (44%)
- Green (29%)
- Blue (21%)



- Red (44%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (33%)
- Yellow (52%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6690, -14.6268, 24.8463 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 83.6690, -14.6268, 24.8463 by changing the saturation by 10% instead.

■ 83.6690, -14.6268,
24.8463

■ 83.6690, -14.6268,
24.8463

■ 255.0000, 0.0000,
0.0000

■ 59.8860, -13.7478,
22.9020

■ 133.9360,
-16.2374, 28.1201

■ 37.8750, -13.7424,
21.1576

■ 160.1210,
-16.8217, 28.8349

■ 16.6450, -8.2060,
18.7283

■ 187.6050,
-17.5533, 30.1644

■ 0.0000, 0.0000,
0.0000

■ 215.2030,
-17.8481, 31.3940

■ 235.9130,
-14.7471, 16.7393

■ 252.7200, -8.7360,

1.9996

■ 83.6690, -14.6268,
24.8463

■ 83.6690, -14.6268,
24.8463

■ 78.3060, -17.4059,
29.5496

■ 89.0320, -11.8478,
20.1429

■ 72.9430, -20.1849,
34.2530

■ 94.3950, -9.0687,
15.4396

■ 67.4660, -23.4007,
39.0563

■ 99.8720, -5.8529,
10.6363

■ 61.5160, -25.8904,
44.2745

■ 105.8220, -3.3632,
5.4181

■ 57.5550, -28.3746,
47.7483

■ 111.1850, -0.5842,
0.7148

■ 116.5480, 2.1948,
-3.9886

■ 121.9110, 4.9739,
-8.6919

■ 127.3880, 8.1897,
-13.4953

■ 132.7510, 10.9688,
-18.1986

Harmonies

Analogous

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



84.5370, -7.6597, 30.2241



83.6690, -14.6268, 24.8463



82.2070, -17.3571, 13.8505

Triad

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



83.6690, -14.6268, 24.8463



73.5780, 3.1660, -35.5869



84.4030, 15.5773, -2.9844

Complementary

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



83.6690, -14.6268, 24.8463



82.3310, 14.6268, -24.8463

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.



79.7100, 19.8630, -24.3017



83.6690, -14.6268, 24.8463



67.2580, 15.1558, -54.6003

Square

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



83.6690, -14.6268, 24.8463



77.8270, -7.8027, -17.3883



71.3820, 20.5177, -47.6930



85.9170, 9.4079, 15.8588

Rectangle

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



83.6690, -14.6268, 24.8463



81.0810, -16.3089, 4.3140



71.3820, 20.5177, -47.6930



83.2280, 17.6356, -9.8470

Sweetspot

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



83.6690, -14.6268, 24.8463



134.1600, -5.9949, 9.5067



75.6740, 8.0487, 31.8579



67.1210, -3.5107, 6.0329



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



83.6690, -14.6268, 24.8463



101.2810, -22.8165, 38.3416



100.1050, -22.7298, 10.4319



53.5550, -1.7526, 2.1443



61.1210, -30.1327, 51.6369



126.6830, -62.4547, 105.5180

Inverse Universe

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



82.3310, 14.6268, -24.8463



99.3060, 22.5271, -38.8564



65.8950, 22.7298, -10.4319



53.0320, 1.4632, -2.6591



58.2920, 30.4220, -51.1221



120.9040, 62.1653, -106.0328

Previews

White Background



This preview shows how the YUV color 83.6690, -14.6268, 24.8463 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 83.6690, -14.6268, 24.8463 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 83.6690, -14.6268, 24.8463

Background



This preview shows how black text looks on a background with the YUV color 83.6690, -14.6268, 24.8463.

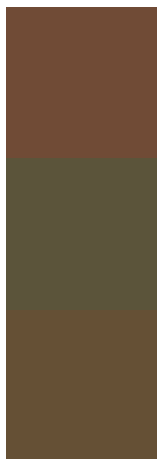


This preview shows how white text looks on a background with the YUV color 83.6690, -14.6268,

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

83.6690, -14.6268, 24.8463

Protanopia

83.1290, -12.3886, 6.9029

Deuteranopia

83.2010, -14.8891, 15.6097



Tritanopia

85.1280, -4.0071, 25.3207

Trichromacy



Original Color

83.6690, -14.6268, 24.8463

Protanomaly

83.6460, -13.1365, 13.4655

Deuteranomaly

83.2230, -14.8999, 19.0984

Tritanomaly

84.5040, -7.6435, 24.9910

Monochromacy



Original Color

83.6690, -14.6268, 24.8463

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6690, -14.6268, 24.8463 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(112, 75, 54)` looks like.

```
.text, #text, p{  
    color:rgb(112, 75, 54)  
}
```

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(112, 75, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 75, 54) }
```

Border

The CSS property to change the border of an element to YUV 83.6690, -14.6268, 24.8463 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(112, 75, 54) }
```


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

```
.border{ border-color:rgb(112, 75, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 75, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 75, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 75, 54);  
box-shadow:4px 4px 4px 4px rgb(112, 75,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 83.6690, -14.6268, 24.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 75, 54) }
```

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

```
.background{ background-color: rgb(112, 75,  
54) }
```

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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