

Converting Colors

YUV(83.3690, -12.9999,
16.3394)

Have a look what the booklet for
YUV(83.3690, -12.9999, 16.3394)
contains.

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Color

**YUV(83.3690, -12.9999,
16.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	664F39
RGB	102, 79, 57
RGB Percent	40%, 31%, 22%
CMY	0.6000, 0.6902, 0.7765
CMYK	0.00, 0.23, 0.44, 0.60
HSL	29°, 28%, 31%
HSV	29°, 44%, 40%
XYZ	9.0140, 8.7122, 5.0774
YIQ	83.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

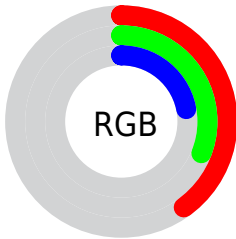
Format	Color
R_{YB}	102, 100, 57
Decimal	6704953
CIE _{Lab}	35.42, 6.36, 16.67
CIE _{LCh}	35, 17.846, 69.125
Yxy	8.7122, 0.3953, 0.3821
Android (android.graphics.Color)	4284895033 (0xFF664F39)
YUV	83.3690, -12.9999, 16.3394
Hunter-Lab	29.5164, 2.8584, 10.4624




Details

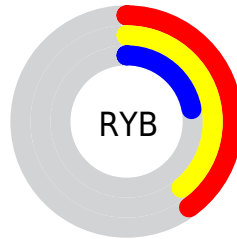
The YUV color **83.3690, -12.9999, 16.3394** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **75.6310, 12.9999, -16.3394**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **133.0380, -14.3157, 18.3837**, and **38.2870, -11.9735, 13.7803** is the 20% darker color. If you saturate the color by 10%, you get **79.2940, -15.9209, 19.9132**, and if you desaturate by 10%, it is **87.4440, -10.0789, 12.7656**.

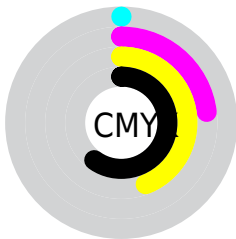
Distribution







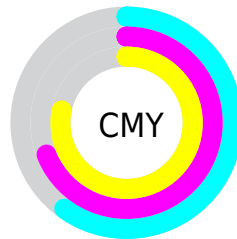
-  Red (40%)
-  Green (31%)
-  Blue (22%)






-  Red (40%)
-  Yellow (39%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (23%)
-  Yellow (44%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (69%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3690, -12.9999, 16.3394 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 83.3690, -12.9999, 16.3394 by changing the saturation by 10% instead.

■ 83.3690, -12.9999,
16.3394

■ 83.3690, -12.9999,
16.3394

■ 255.0000, 0.0000,
0.0000

■ 59.8850, -12.2683,
15.0099

■ 133.0380,
-14.3157, 18.3837

■ 38.2870, -11.9735,
13.7803

■ 159.2230,
-14.8999, 19.0984

■ 17.7860, -8.7685,
12.4657

■ 186.5220,
-15.0473, 19.7132

■ 0.0000, 0.0000,
0.0000

■ 214.0060,
-15.7790, 21.0427

■ 239.3040,
-14.4469, 13.7654

■ 253.0620, -7.4256,

1.6996

■ 83.3690, -12.9999,
16.3394

■ 83.3690, -12.9999,
16.3394

■ 79.2940, -15.9209,
19.9132

■ 87.4440, -10.0789,
12.7656

■ 75.2190, -18.8420,
23.4869

■ 91.5190, -7.1579,
9.1918

■ 70.4430, -21.9104,
27.6755

■ 96.2950, -4.0894,
5.0033

■ 66.3680, -24.8314,
31.2493

■ 100.3700, -1.1684,
1.4295

■ 62.2930, -27.7524,
34.8230

■ 104.4450, 1.7526,
-2.1443

■ 59.8480, -29.5051,
36.9673

■ 108.5200, 4.6736,
-5.7180

■ 112.5950, 7.5947,
-9.2918

■ 117.3710, 10.6631,
-13.4804

■ 121.4460, 13.5841,
-17.0541

Harmonies

Analogous

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



84.4390, -9.0904, 22.4170



83.3690, -12.9999, 16.3394



82.1890, -13.4042, 5.9732

Triad

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



83.3690, -12.9999, 16.3394



75.8930, 5.4758, -29.7242



84.9650, 9.8773, 5.2927

Complementary

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



83.3690, -12.9999, 16.3394



75.6310, 12.9999, -16.3394

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.



82.6040, 13.9992, -10.1767



83.3690, -12.9999, 16.3394



75.7060, 12.4699, -33.0682

Square

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



83.3690, -12.9999, 16.3394



78.1950, -2.5611, -18.5880



79.4450, 15.0636, -24.9463



85.5490, 4.1663, 17.0585

Rectangle

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



83.3690, -12.9999, 16.3394



81.3020, -11.4879, -2.0189



79.4450, 15.0636, -24.9463



84.6870, 11.4933, 0.2745

Sweetspot

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



83.3690, -12.9999, 16.3394



125.6650, -5.2578, 6.4328



73.0770, 3.4130, 25.3655



61.9250, -2.9210, 3.5738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.3690, -12.9999, 16.3394



103.7740, -20.5946, 25.6312



96.2830, -19.3665, 5.0138



48.6690, -1.3158, 2.0443



67.2570, -33.1577, 41.8706



141.6240, -69.8206, 88.0298

Inverse Universe

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



75.6310, 12.9999, -16.3394



91.2260, 20.5946, -25.6312



62.7170, 19.3665, -5.0138



48.3310, 1.3158, -2.0443



47.7430, 33.1577, -41.8706



100.3760, 69.8206, -88.0298

Previews

White Background



This preview shows how the YUV color 83.3690, -12.9999, 16.3394 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 83.3690, -12.9999, 16.3394 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 83.3690, -12.9999, 16.3394

Background



This preview shows how black text looks on a background with the YUV color 83.3690, -12.9999, 16.3394.

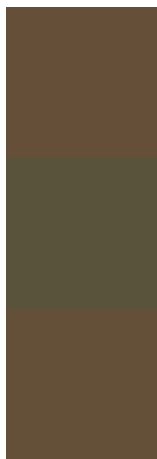


This preview shows how white text looks on a background with the YUV color 83.3690, -12.9999,

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

83.3690, -12.9999, 16.3394

Protanopia

82.3570, -11.5150, 6.7029

Deuteranopia

83.3580, -12.9945, 14.5950



Tritanopia

85.0560, -1.5066, 16.6139

Trichromacy



Original Color

83.3690, -12.9999, 16.3394

Protanomaly

82.8520, -12.2520, 9.7768

Deuteranomaly

83.6570, -13.1419, 15.2098

Tritanomaly

84.3180, -5.5798, 16.3841

Monochromacy



Original Color

83.3690, -12.9999, 16.3394

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.4800, -4.6736, 5.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3690, -12.9999, 16.3394 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(102, 79, 57)` looks like.

```
.text, #text, p{  
    color:rgb(102, 79, 57)  
}
```

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(102, 79, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 79, 57) }
```

Border

The CSS property to change the border of an element to YUV 83.3690, -12.9999, 16.3394 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(102, 79, 57) }
```


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

```
.border{ border-color:rgb(102, 79, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 79, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 79, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 79, 57);  
box-shadow:4px 4px 4px 4px rgb(102, 79,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 83.3690, -12.9999, 16.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 79, 57) }
```

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

```
.background{ background-color: rgb(102, 79,  
57) }
```

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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