

Converting Colors

YUV(83.3280, -41.0807,
16.3753)

Have a look what the booklet for
YUV(83.3280, -41.0807, 16.3753)
contains.

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Color

**YUV(83.3280, -41.0807,
16.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	665A00
RGB	102, 90, 0
RGB Percent	40%, 35%, 0%
CMY	0.6000, 0.6471, 1.0000
CMYK	0.00, 0.12, 1.00, 0.60
HSL	53°, 100%, 20%
HSV	53°, 100%, 40%
XYZ	9.1357, 10.1371, 1.4752
YIQ	83.3280, 36.0420, -25.4460

Conversions

Conversions Part 2

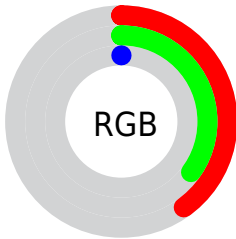
Format	Color
R_{YB}	14, 102, 0
Decimal	6707712
CIE _{Lab}	38.09, -4.10, 45.58
CIE _{LCh}	38, 45.760, 95.140
Yxy	10.1371, 0.4403, 0.4886
Android (android.graphics.Color)	4284897792 (0xFF665A00)
YUV	83.3280, -41.0807, 16.3753
Hunter-Lab	31.8388, -4.5002, 19.5402

Details

The YUV color **83.3280, -41.0807, 16.3753** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.6720, 41.0807, -16.3753**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2080, -39.0495, 18.2346**, and **41.6640, -20.5404, 8.1877** is the 20% darker color. If you saturate the color by 10%, you get **83.3280, -41.0807, 16.3753**, and if you desaturate by 10%, it is **85.0550, -37.0021, 14.8608**.

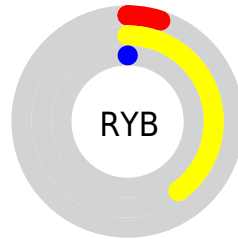
Distribution



Red (40%)

Green (35%)

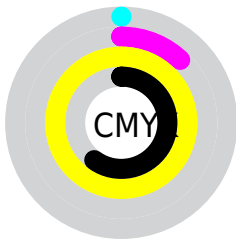
Blue (0%)



Red (5%)

Yellow (40%)

Blue (0%)

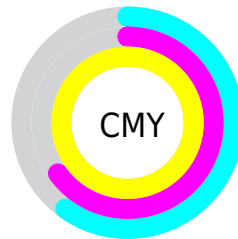


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3280, -41.0807, 16.3753 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 83.3280, -41.0807, 16.3753 by changing the saturation by 10% instead.

83.3280, -41.0807,
16.3753

83.3280, -41.0807,
16.3753

253.8600, -4.3680,
0.9998

62.0530, -30.5921,
12.2315

135.2080,
-39.0495, 18.2346

41.6640, -20.5404,
8.1877

161.6920,
-39.7812, 19.5641

22.4490, -11.0674,
3.1142

189.1760,
-40.5128, 20.8936


0.0000, 0.0000,
0.0000


217.2470,
-41.5338, 21.7084


240.6480,
-39.7595, 12.5867


247.3620,


-29.2655, 6.6985


 250.5540,
-17.0351, 3.8991


 83.3280, -41.0807,
16.3753

 85.0550, -37.0021,
14.8608

 86.7820, -32.9235,
13.3462

 89.2100, -28.6975,
11.2168

 90.9370, -24.6189,
9.7023

 92.6640, -20.5404,
8.1877

■ 94.3910, -16.4618,
6.6731

■ 96.1180, -12.3832,
5.1585

■ 98.5460, -8.1572,
3.0292

■ 100.2730, -4.0786,
1.5146

Harmonies

Analogous

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



86.1320, -33.5891, 40.2262



83.3280, -41.0807, 16.3753



79.4580, -28.3268, -14.4337

Triad

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



83.3280, -41.0807, 16.3753



77.1560, 26.5451, -67.6658



90.5750, 14.9995, 42.4687

Complementary

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



83.3280, -41.0807, 16.3753



18.6720, 41.0807, -16.3753

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.



91.7150, 29.2275, 5.5119



83.3280, -41.0807, 16.3753



77.7720, 39.0594, -68.2060

Square

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



83.3280, -41.0807, 16.3753



73.6390, 10.5310, -64.5814



72.7000, 45.0109, -63.7579



86.5590, -0.7686, 60.0228

Rectangle

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



83.3280, -41.0807, 16.3753



72.1690, -13.3943, -43.9982



72.7000, 45.0109, -63.7579



91.5890, 20.4156, 31.9324

Sweetspot

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



83.3280, -41.0807, 16.3753



125.5050, -16.0250, 6.5731



32.0940, -8.9203, 61.3076



61.5030, -9.6150, 3.9439



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.



83.3280, -41.0807, 16.3753



108.4460, -53.4639, 21.5339



79.3090, -39.0993, -12.5490



49.8430, -1.8946, 1.0147



93.6720, -46.1803, 18.7047



197.9760, -97.6022, 38.6090

Inverse Universe

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



18.6720, 41.0807, -16.3753



24.5540, 53.4639, -21.5339



22.6910, 39.0993, 12.5490



47.1570, 1.8946, -1.0147



20.7410, 46.4697, -18.1899



44.0240, 97.6022, -38.6090

Previews

White Background



This preview shows how the YUV color 83.3280, -41.0807, 16.3753 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 × Fail

Black Background



This preview shows how the YUV color 83.3280, -41.0807, 16.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

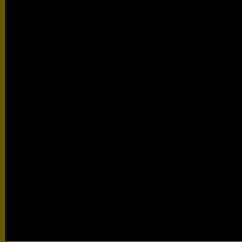
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3280, -41.0807, 16.3753

Background



This preview shows how black text looks on a background with the YUV color 83.3280, -41.0807, 16.3753.



This preview shows how white text looks on a background with the YUV color 83.3280, -41.0807,

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

83.3280, -41.0807, 16.3753

Protanopia

83.1430, -40.4965, 15.6606

Deuteranopia

85.2350, -36.5979, 25.2269



Tritanopia

91.5610, -0.7696, 13.5400

Trichromacy



Original Color

83.3280, -41.0807, 16.3753

Protanomaly

83.1430, -40.4965, 15.6606

Deuteranomaly

84.7570, -38.3342, 22.1381

Tritanomaly

88.3750, -15.4679, 14.5801

Monochromacy



Original Color

83.3280, -41.0807, 16.3753

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.4340, -15.0040, 5.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3280, -41.0807, 16.3753 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, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 90, 0)  
}
```

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, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 90, 0) }
```

Border

The CSS property to change the border of an element to YUV 83.3280, -41.0807, 16.3753 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, 90, 0) }
```


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

```
.border{ border-color:rgb(102, 90, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 90, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.3280, -41.0807, 16.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 90, 0) }
```

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

```
.background{ background-color: rgb(102, 90,  
0) }
```

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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