

Converting Colors

YUV(84.7790, -41.3030,
87.8938)

Have a look what the booklet for
YUV(84.7790, -41.3030, 87.8938)
contains.

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Color

**YUV(84.7790, -41.3030,
87.8938)**

Conversions

Conversions Part 1

Format	Color
Hex	B93201
RGB	185, 50, 1
RGB Percent	73%, 20%, 0%
CMY	0.2745, 0.8039, 0.9961
CMYK	0.00, 0.73, 0.99, 0.27
HSL	16°, 99%, 36%
HSV	16°, 99%, 73%
XYZ	21.1537, 12.5977, 1.3454
YIQ	84.7790, 96.1890, 13.3810

Conversions

Conversions Part 2

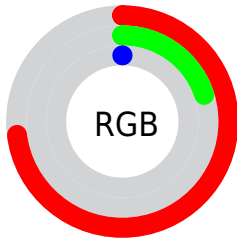
Format	Color
R_{YB}	185, 68, 1
Decimal	12136961
CIE _{Lab}	42.15, 52.36, 54.02
CIE _{LCh}	42, 75.231, 45.897
Yxy	12.5977, 0.6027, 0.3589
Android (android.graphics.Color)	4290327041 (0xFFB93201)
YUV	84.7790, -41.3030, 87.8938
Hunter-Lab	35.4932, 44.2714, 22.5978

Details

The YUV color **84.7790, -41.3030, 87.8938** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **101.2210, 41.3030, -87.8938**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3560, -43.0665, 93.5268**, and **36.7770, -18.1311, 75.6176** is the 20% darker color. If you saturate the color by 10%, you get **84.0780, -41.4505, 88.5086**, and if you desaturate by 10%, it is **95.0490, -37.4922, 78.8870**.

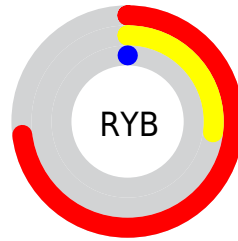
Distribution



Red (73%)

Green (20%)

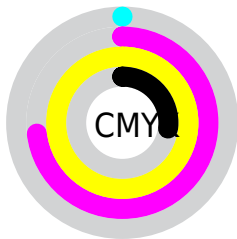
Blue (0%)



Red (73%)

Yellow (27%)

Blue (0%)

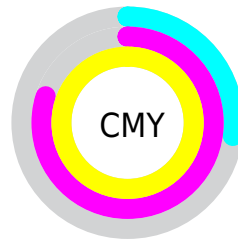


Cyan (0%)

Magenta (73%)

Yellow (99%)

Black (27%)



Cyan (27%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 84.7790, -41.3030, 87.8938 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 84.7790, -41.3030, 87.8938 by changing the saturation by 10% instead.


 84.7790, -41.3030,
87.8938


 84.7790, -41.3030,
87.8938


 253.5180, -5.6784,
1.2997


 54.8510, -27.0415,
86.9537


 142.3560,
-43.0665, 93.5268


 36.7770, -18.1311,
75.6176


 163.4360,
-41.1339, 80.3016


 27.5080, -13.5614,
56.5595

 182.1350,
-38.0276, 63.9026

 19.3640, -8.5605,
39.1458

 202.1220,
-35.0631, 46.3740

 9.6820, -4.2802,
19.5729


 221.6360,
-31.3725, 29.2602


 0.0000, 0.0000,
0.0000


 242.3240,


-28.2607, 11.1169

 250.3260,
-17.9087, 4.0991


 84.7790, -41.3030,
87.8938


 84.7790, -41.3030,
87.8938


 84.0780, -41.4505,
88.5086

 95.0490, -37.4922,
78.8870

 104.8460,
-32.9551, 70.2951

 115.1160,
-29.1442, 61.2883

 124.9130,
-24.6071, 52.6963

 135.2970,
-20.3594, 43.5895

■ 144.9800,
-16.2591, 35.0975

■ 155.3640,
-12.0115, 25.9908

■ 165.6340, -8.2006,
16.9840

■ 175.4310, -3.6635,
8.3920

Harmonies

Analogous

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



68.9760, 0.5048, 118.4160



84.7790, -41.3030, 87.8938



94.1360, -46.4090, 45.4847

Triad

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



84.7790, -41.3030, 87.8938



79.8390, -6.3296, -70.0188



82.1330, 68.4614, -72.0306

Complementary

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



84.7790, -41.3030, 87.8938



101.2210, 41.3030, -87.8938

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.



93.4000, 63.3998, -81.9118



84.7790, -41.3030, 87.8938



88.4230, 21.4835, -77.5470

Square

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



84.7790, -41.3030, 87.8938



69.2660, -34.1481, -60.7463



93.7470, 46.9597, -82.2161



99.5720, 43.1020, 35.4554

Rectangle

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



84.7790, -41.3030, 87.8938



92.4760, -45.5907, 16.2455



93.7470, 46.9597, -82.2161



86.6980, 68.1829, -76.0341

Sweetspot

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



84.7790, -41.3030, 87.8938



200.6810, -16.1117, 34.4828



71.7480, 33.1552, 99.3220



96.3140, -9.5218, 20.7726



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



84.7790, -41.3030, 87.8938



109.3280, -53.8987, 114.5993



137.0220, -67.0588, 42.0767



86.8650, -1.9054, 4.5034



70.7110, -34.8605, 74.7985



12.4810, -6.1531, 13.6102

Inverse Universe

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



101.2210, 41.3030, -87.8938



130.6720, 53.8987, -114.5993



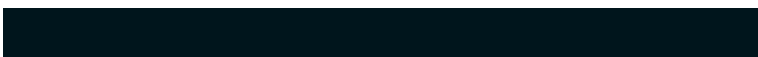
48.9780, 67.0588, -42.0767



87.5480, 2.1948, -3.9886



84.7020, 35.1499, -74.2837



15.5190, 6.1531, -13.6102

Previews

White Background



This preview shows how the YUV color 84.7790, -41.3030, 87.8938 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

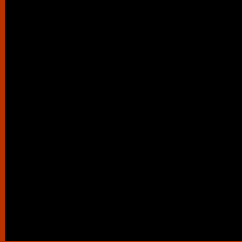
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7790, -41.3030, 87.8938

Background



This preview shows how black text looks on a background with the YUV color 84.7790, -41.3030, 87.8938.



This preview shows how white text looks on a background with the YUV color 84.7790, -41.3030,

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

84.7790, -41.3030, 87.8938

Protanopia

95.4680, -36.7127, 15.3756

Deuteranopia

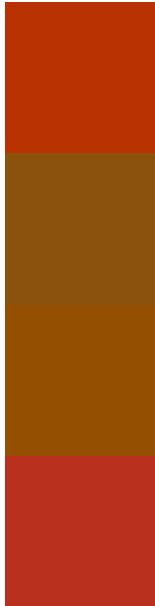
94.3250, -46.5022, 28.6560



Tritanopia

88.6750, -20.0528, 85.3540

Trichromacy



Original Color

84.7790, -41.3030, 87.8938

Protanomaly

91.2910, -38.1045, 41.8408

Deuteranomaly

90.6250, -44.6781, 50.3179

Tritanomaly

87.3240, -27.7677, 86.5389

Monochromacy



Original Color

84.7790, -41.3030, 87.8938

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.5990, -15.0853, 31.9237

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7790, -41.3030, 87.8938 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(185, 50, 1)` looks like.

```
.text, #text, p{  
    color:rgb(185, 50, 1)  
}
```

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(185, 50, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 50, 1) }
```

Border

The CSS property to change the border of an element to YUV 84.7790, -41.3030, 87.8938 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(185, 50, 1) }
```


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

```
.border{ border-color:rgb(185, 50, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 50, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 50, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 50, 1);  
box-shadow:4px 4px 4px 4px rgb(185, 50, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7790, -41.3030, 87.8938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 50, 1) }
```

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

```
.background{ background-color: rgb(185, 50,  
1) }
```

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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