

Converting Colors

YUV(83.2790, 73.8125,
-61.6347)

Have a look what the booklet for
YUV(83.2790, 73.8125, -61.6347)
contains.

YUV(83.2790, 73.8125, -61.6347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.2790, 73.8125,
-61.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	0D5AE9
RGB	13, 90, 233
RGB Percent	5%, 35%, 91%
CMY	0.9490, 0.6471, 0.0863
CMYK	0.94, 0.61, 0.00, 0.09
HSL	219°, 89%, 48%
HSV	219°, 94%, 91%
XYZ	18.5301, 13.2811, 78.6777
YIQ	83.2790, -91.7950, 28.1490

Conversions

Conversions Part 2

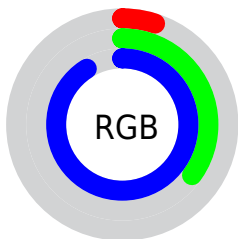
Format	Color
R _Y B	13, 70, 233
Decimal	875241
CIE Lab	43.18, 34.82, -77.43
CIE LCh	43, 84.899, 294.214
Yxy	13.2811, 0.1677, 0.1202
Android (android.graphics.Color)	4279065321 (0xFF0D5AE9)
YUV	83.2790, 73.8125, -61.6347
Hunter-Lab	36.4432, 26.9855, -102.4915




Details

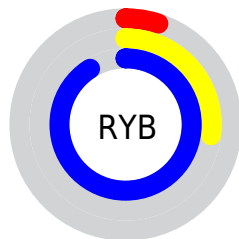
The YUV color **83.2790, 73.8125, -61.6347** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **162.7210, -73.8125, 61.6347**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **143.8520, 54.7960, -28.8112**, and **47.0660, 63.5645, -41.2769** is the 20% darker color. If you saturate the color by 10%, you get **74.6960, 78.0439, -65.5084**, and if you desaturate by 10%, it is **98.9610, 66.0812, -55.2168**.

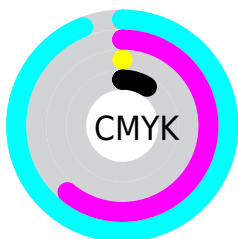
Distribution







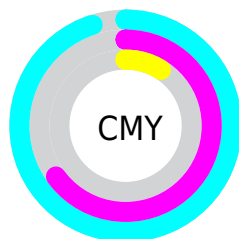
-  Red (5%)
-  Green (35%)
-  Blue (91%)






-  Red (5%)
-  Yellow (27%)
-  Blue (91%)



-  Cyan (94%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (9%)



-  Cyan (95%)
-  Magenta (65%)
-  Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2790, 73.8125, -61.6347 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 83.2790, 73.8125, -61.6347 by changing the saturation by 10% instead.

■ 83.2790, 73.8125,
-61.6347

■ 83.2790, 73.8125,
-61.6347

■ 255.0000, 0.0000,
0.0000

■ 62.5850, 69.7176,
-54.8870

■ 143.8520, 54.7960,
-28.8112

■ 47.0660, 63.5645,
-41.2769

■ 169.5680, 42.1180,
-22.4231

■ 32.8350, 57.2693,
-28.7963

■ 194.9850, 29.5874,
-16.6498

■ 18.6040, 50.9742,
-16.3157

■ 220.1030, 17.2042,
-11.4913

■ 17.4010, 38.7493,
-15.2607

■ 246.6940, 4.0949,
-6.7476

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 83.2790, 73.8125,
-61.6347

■ 83.2790, 73.8125,
-61.6347

■ 74.6960, 78.0439,
-65.5084

■ 98.9610, 66.0812,
-55.2168

■ 114.9420, 58.2026,
-48.1841

■ 130.6240, 50.4714,
-41.7662

■ 146.8930, 42.4508,
-35.8632

■ 162.8740, 34.5721,
-28.8305

■ 178.5560, 26.8409,
-22.4126

■ 194.2380, 19.1097,
-15.9947

■ 209.9200, 11.3784,
-9.5768

■ 225.9010, 3.4998,
-2.5442

Harmonies

Analogous

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



96.0220, 73.4462, -84.2113



83.2790, 73.8125, -61.6347



93.4540, 45.6252, 66.2538

Triad

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



83.2790, 73.8125, -61.6347



89.0730, -43.9130, 85.0050



84.9400, 0.5226, -74.4924

Complementary

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



83.2790, 73.8125, -61.6347



162.7210, -73.8125, 61.6347

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.



72.7880, -35.8845, -63.8351



83.2790, 73.8125, -61.6347



96.4290, -47.5395, 34.7038

Square

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



83.2790, 73.8125, -61.6347



69.9850, -9.8526, 127.1782



88.1360, -43.4510, -16.7823



94.3220, 31.3933, -82.7204

Rectangle

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



83.2790, 73.8125, -61.6347



77.1840, 31.9543, 111.2176



88.1360, -43.4510, -16.7823



81.3890, -10.5448, -71.3782

Sweetspot

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



83.2790, 73.8125, -61.6347



206.7690, 23.7779, -19.9684



158.4420, -1.2039, -127.5526



97.8210, 14.8782, -12.1210



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



83.2790, 73.8125, -61.6347



81.3130, 85.6277, -71.3115



47.9470, 91.2311, -1.7075



109.6020, 3.6472, -3.1590



57.6150, 60.8288, -50.5284



17.3090, 18.0887, -15.1800

Inverse Universe

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



87.5580, 1.2039, 127.5526



86.3910, 1.2862, 147.8701



198.0530, -91.2311, 1.7075



109.7450, 0.1257, 6.3626



61.3010, 0.8376, 104.9760



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 83.2790, 73.8125, -61.6347 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 83.2790, 73.8125, -61.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

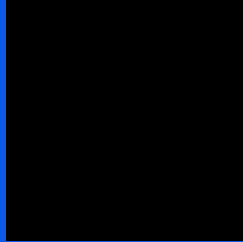
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2790, 73.8125, -61.6347

Background



This preview shows how black text looks on a background with the YUV color 83.2790, 73.8125, -61.6347.



This preview shows how white text looks on a background with the YUV color 83.2790, 73.8125, -61.6347.

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

83.2790, 73.8125, -61.6347

Protanopia

81.1240, 62.0569, -71.1457

Deuteranopia

81.2260, 47.2166, -71.2352



Tritanopia

79.8970, 19.2778, -70.0697

Trichromacy



Original Color

83.2790, 73.8125, -61.6347

Protanomaly

81.8840, 66.1192, -67.4273

Deuteranomaly

82.0660, 56.6625, -67.5869

Tritanomaly

81.3700, 38.7646, -66.9765

Monochromacy



Original Color

83.2790, 73.8125, -61.6347

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.5560, 26.8409, -22.4126

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2790, 73.8125, -61.6347 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(13, 90, 233)` looks like.

```
.text, #text, p{  
    color:rgb(13, 90, 233)  
}
```

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(13, 90, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 90, 233) }
```

Border

The CSS property to change the border of an element to YUV 83.2790, 73.8125, -61.6347 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(13, 90, 233) }
```


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

```
.border{ border-color:rgb(13, 90, 233) }
```

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

Here you see how a box with a 4 pixel rgb(13, 90, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 90, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 90, 233);  
box-shadow:4px 4px 4px 4px rgb(13, 90,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 83.2790, 73.8125, -61.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 90, 233) }
```

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

```
.background{ background-color: rgb(13, 90,  
233) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor