

Converting Colors

YUV(73.1060, 83.2647,
-13.2480)

Have a look what the booklet for
YUV(73.1060, 83.2647, -13.2480)
contains.

YUV(73.1060, 83.2647, -13.2480)	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(73.1060, 83.2647,
-13.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	3A30F2
RGB	58, 48, 242
RGB Percent	23%, 19%, 95%
CMY	0.7725, 0.8118, 0.0510
CMYK	0.76, 0.80, 0.00, 0.05
HSL	243°, 88%, 57%
HSV	243°, 80%, 95%
XYZ	18.8289, 9.4243, 84.8311
YIQ	73.1060, -56.3140, 62.4540

Conversions

Conversions Part 2

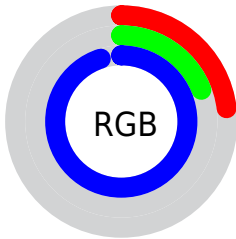
Format	Color
R _Y B	58, 48, 242
Decimal	3813618
CIE Lab	36.79, 63.94, -93.02
CIE LCh	37, 112.872, 304.503
Yxy	9.4243, 0.1665, 0.0833
Android (android.graphics.Color)	4282003698 (0xFF3A30F2)
YUV	73.1060, 83.2647, -13.2480
Hunter-Lab	30.6989, 55.7580, -142.3481

Details

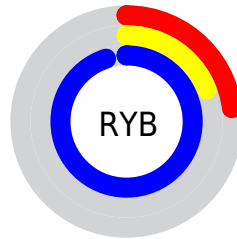
The YUV color **73.1060, 83.2647, -13.2480** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **216.8940, -83.2647, 13.2480**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2490, 62.9812, 5.9206**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **52.1410, 93.6005, -15.0327**, and if you desaturate by 10%, it is **94.0710, 72.9290, -11.4633**.

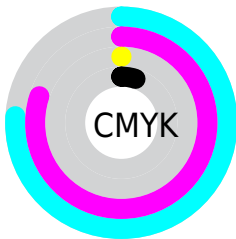
Distribution



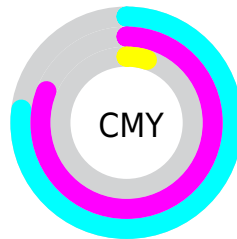
- Red (23%)
- Green (19%)
- Blue (95%)



- Red (23%)
- Yellow (19%)
- Blue (95%)



- Cyan (76%)
- Magenta (80%)
- Yellow (0%)
- Black (5%)



- Cyan (77%)
- Magenta (81%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1060, 83.2647, -13.2480 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 73.1060, 83.2647, -13.2480 by changing the saturation by 10% instead.

■ 73.1060, 83.2647,
-13.2480

■ 73.1060, 83.2647,
-13.2480

255.0000, 0.0000,
0.0000

■ 36.6090, 86.9608,
-32.1061

■ 127.2490, 62.9812,
5.9206

■ 20.9760, 80.3708,
-18.3960

■ 152.9650, 50.3033,
12.3087

■ 17.7840, 68.1405,
-15.5966

■ 177.7950, 38.0621,
18.5968

■ 14.7060, 56.3469,
-12.8972

■ 203.7990, 25.2421,
23.8553

■ 18.7860, 41.5175,
-16.4753

■ 227.4110, 13.6014,
24.1956

■ 14.7620, 31.1763,
-12.9463

■ 244.4340, 5.2090,

■ 9.0910, 22.1401,

9.2664

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 73.1060, 83.2647,
-13.2480

■ 73.1060, 83.2647,
-13.2480

■ 52.1410, 93.6005,
-15.0327

■ 94.0710, 72.9290,
-11.4633

■ 31.1760, 103.9362,
-16.8174

■ 115.0360, 62.5933,
-9.6786

■ 136.5880, 51.9681,
-8.4087

■ 157.5530, 41.6324,
-6.6240

■ 178.5180, 31.2966,
-4.8393

■ 199.4830, 20.9609,
-3.0546

■ 220.4480, 10.6251,
-1.2699

■ 242.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



73.1060, 83.2647, -13.2480



77.6420, 44.0535, 103.8000

Triad

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



73.1060, 83.2647, -13.2480



72.8150, -35.8978, 80.8462



78.7910, 9.9630, -69.0997

Complementary

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



73.1060, 83.2647, -13.2480



216.8940, -83.2647, 13.2480

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.



65.7440, -32.4118, -57.6575



73.1060, 83.2647, -13.2480



80.3490, -39.6121, 11.9719

Square

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



73.1060, 83.2647, -13.2480



63.6870, -31.3977, 130.9475



62.2220, -30.6754, -54.5687



90.9260, 48.8435, -79.7421

Rectangle

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



73.1060, 83.2647, -13.2480



79.5870, 14.0076, 127.5272



62.2220, -30.6754, -54.5687



74.5560, -3.7251, -65.3856

Sweetspot

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



73.1060, 83.2647, -13.2480



201.8510, 26.2025, -4.2543



178.1240, 31.4909, -114.1187



95.5170, 16.0141, -3.0844



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.



73.1060, 83.2647, -13.2480



41.8170, 105.0992, -16.5025



102.1090, 68.9663, 46.3854



109.3680, 5.2416, -1.1997



23.6670, 79.0442, -12.8630



7.2810, 24.0185, -3.7544

Inverse Universe

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



126.9820, 51.7739, 100.8708



109.7030, 65.2224, 127.4255



187.8910, -68.9663, -46.3854



112.8420, 3.0359, 6.2776



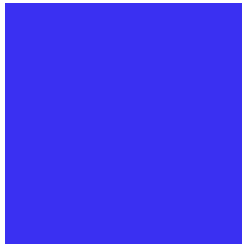
74.8520, 48.8800, 95.7228



22.7860, 14.8955, 29.1287

Previews

White Background



This preview shows how the YUV color 73.1060, 83.2647, -13.2480 looks on a white background.

Color Contrast Check

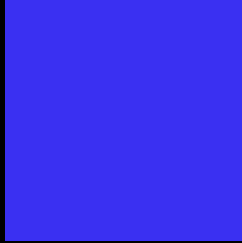
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.1060, 83.2647, -13.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

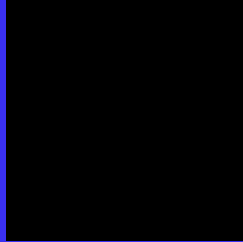
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.1060, 83.2647, -13.2480

Background



This preview shows how black text looks on a background with the YUV color 73.1060, 83.2647, -13.2480.



This preview shows how white text looks on a background with the YUV color 73.1060, 83.2647, -13.2480.

-13.2480.

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

73.1060, 83.2647, -13.2480

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

67.1650, 16.1877, -58.9037

Trichromacy



Original Color

73.1060, 83.2647, -13.2480

Protanomaly

70.0550, 63.5699, -43.0212

Deuteranomaly

69.8780, 55.2761, -42.8660

Tritanomaly

69.3930, 40.7253, -42.4407

Monochromacy



Original Color

73.1060, 83.2647, -13.2480

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1760, 29.9862, -4.5394

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1060, 83.2647, -13.2480 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(58, 48, 242)` looks like.

```
.text, #text, p{  
    color:rgb(58, 48, 242)  
}
```

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(58, 48, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 48, 242) }
```

Border

The CSS property to change the border of an element to YUV 73.1060, 83.2647, -13.2480 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(58, 48, 242) }
```


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

```
.border{ border-color:rgb(58, 48, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 48, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 48, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 48, 242);  
box-shadow:4px 4px 4px 4px rgb(58, 48,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 73.1060, 83.2647, -13.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 48, 242) }
```

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

```
.background{ background-color: rgb(58, 48,  
242) }
```

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