

Converting Colors

YUV(74.1520, 76.8331, -3.6413)

Have a look what the booklet for
YUV(74.1520, 76.8331, -3.6413)
contains.

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Color

**YUV(74.1520, 76.8331,
-3.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	462EE6
RGB	70, 46, 230
RGB Percent	27%, 18%, 90%
CMY	0.7255, 0.8196, 0.0980
CMYK	0.70, 0.80, 0.00, 0.10
HSL	248°, 79%, 54%
HSV	248°, 80%, 90%
XYZ	17.7857, 8.9693, 75.6567
YIQ	74.1520, -44.7600, 62.3120

Conversions

Conversions Part 2

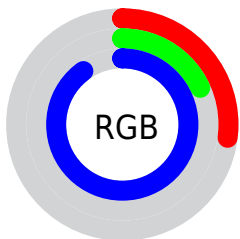
Format	Color
R _Y B	70, 46, 230
Decimal	4599526
CIE Lab	35.93, 62.17, -87.62
CIE LCh	36, 107.435, 305.359
Yxy	8.9693, 0.1737, 0.0876
Android (android.graphics.Color)	4282789606 (0xFF462EE6)
YUV	74.1520, 76.8331, -3.6413
Hunter-Lab	29.9487, 53.5960, -128.8149

Details

The YUV color **74.1520, 76.8331, -3.6413** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **201.8480, -76.8331, 3.6413**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8690, 62.6756, 10.6389**, and **19.7220, 75.5661, -17.2962** is the 20% darker color. If you saturate the color by 10%, you get **54.6710, 86.4372, -4.0965**, and if you desaturate by 10%, it is **93.6330, 67.2289, -3.1861**.

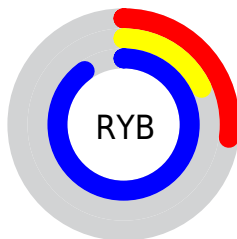
Distribution



 Red (27%)

 Green (18%)

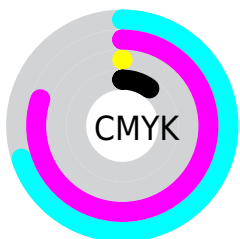
 Blue (90%)





 Red (27%)

 Yellow (18%)

 Blue (90%)

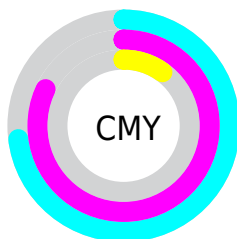


 Cyan (70%)

 Magenta (80%)

 Yellow (0%)

 Black (10%)



 Cyan (73%)

 Magenta (82%)

 Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1520, 76.8331, -3.6413 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 74.1520, 76.8331, -3.6413 by changing the saturation by 10% instead.

■ 74.1520, 76.8331,
-3.6413

■ 74.1520, 76.8331,
-3.6413

■ 255.0000, 0.0000,
0.0000

■ 36.4700, 81.1133,
-23.2142

■ 127.8690, 62.6756,
10.6389

■ 19.7220, 75.5661,
-17.2962

■ 153.2860, 50.1450,
16.4122

■ 16.5300, 63.3357,
-14.4968

■ 178.4040, 37.7618,
21.5707

■ 13.4520, 51.5422,
-11.7974

■ 203.5220, 25.3787,
26.7292

■ 18.1190, 36.4233,
-15.8904

■ 226.2370, 14.1802,
25.2252

■ 11.8610, 27.6765,
-10.4021

■ 243.2600, 5.7878,

■ 6.8910, 18.7877,

10.2960

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 74.1520, 76.8331,
-3.6413

■ 74.1520, 76.8331,
-3.6413

■ 54.6710, 86.4372,
-4.0965

■ 93.6330, 67.2289,
-3.1861

■ 35.1900, 96.0413,
-4.5516

■ 113.1140, 57.6248,
-2.7310

■ 132.5950, 48.0207,
-2.2758

■ 152.0760, 38.4165,
-1.8207

■ 171.5570, 28.8124,
-1.3655

■ 191.0380, 19.2083,
-0.9103

■ 210.5190, 9.6041,
-0.4552

■ 230.0000, 0.0000,
0.0000

■ 249.4810, -9.6041,
0.4552

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



74.1520, 76.8331, -3.6413



74.9360, 41.4436, 100.9111

Triad

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



74.1520, 76.8331, -3.6413



73.0700, -36.0235, 74.4836



77.0300, 10.8312, -67.5553

Complementary

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



74.1520, 76.8331, -3.6413



201.8480, -76.8331, 3.6413

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.



63.9830, -31.5436, -56.1131



74.1520, 76.8331, -3.6413



77.9790, -38.4436, 10.5424

Square

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



74.1520, 76.8331, -3.6413



60.9960, -30.0710, 125.4145



61.0480, -30.0967, -53.5391



88.0080, 47.8171, -77.1830

Rectangle

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



74.1520, 76.8331, -3.6413



76.5110, 12.5661, 123.2089



61.0480, -30.0967, -53.5391



72.9090, -2.4201, -63.9412

Sweetspot

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



74.1520, 76.8331, -3.6413



203.3460, 25.4654, -1.1804



162.6570, 33.2001, -102.3082



96.4140, 15.5719, -1.2401



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.



74.1520, 76.8331, -3.6413



47.4980, 102.2985, -4.8217



100.7630, 63.7138, 51.0738



104.9660, 4.9468, 0.0298



27.2830, 74.7965, -3.7562



7.9070, 21.2448, -0.7954

Inverse Universe

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



119.2560, 42.7648, 97.1225



107.5370, 56.9233, 129.3251



175.2370, -63.7138, -51.0738



107.7280, 2.5991, 6.3775



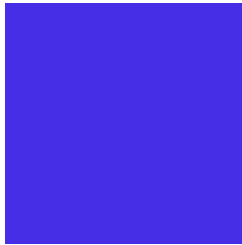
71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 74.1520, 76.8331, -3.6413 looks on a white background.

Color Contrast Check

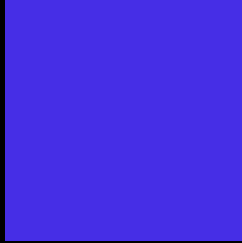
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.1520, 76.8331, -3.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

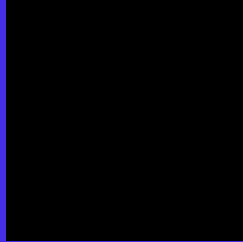
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.1520, 76.8331, -3.6413

Background



This preview shows how black text looks on a background with the YUV color 74.1520, 76.8331, -3.6413.



This preview shows how white text looks on a background with the YUV color 74.1520, 76.8331, -3.6413.

-3.6413.

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

74.1520, 76.8331, -3.6413

Protanopia

66.9270, 50.8150, -58.6950

Deuteranopia

67.0120, 38.4481, -58.7695



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

74.1520, 76.8331, -3.6413

Protanomaly

69.2790, 60.5015, -38.8327

Deuteranomaly

69.2160, 52.6445, -38.7774

Tritanomaly

68.8450, 38.5304, -38.4521

Monochromacy



Original Color

74.1520, 76.8331, -3.6413

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.3290, 27.9388, -1.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1520, 76.8331, -3.6413 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(70, 46, 230)` looks like.

```
.text, #text, p{  
    color:rgb(70, 46, 230)  
}
```

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(70, 46, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 46, 230) }
```

Border

The CSS property to change the border of an element to YUV 74.1520, 76.8331, -3.6413 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(70, 46, 230) }
```


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

```
.border{ border-color:rgb(70, 46, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 46, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 46, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 46, 230);  
box-shadow:4px 4px 4px 4px rgb(70, 46,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 74.1520, 76.8331, -3.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 46, 230) }
```

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

```
.background{ background-color: rgb(70, 46,  
230) }
```

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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