

Converting Colors

YUV(75.2090, 80.7490, 47.1747)

Have a look what the booklet for
YUV(75.2090, 80.7490, 47.1747)
contains.

YUV(75.2090, 80.7490, 47.1747)	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(75.2090, 80.7490,
47.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	8110EF
RGB	129, 16, 239
RGB Percent	51%, 6%, 94%
CMY	0.4941, 0.9373, 0.0627
CMYK	0.46, 0.93, 0.00, 0.06
HSL	270°, 87%, 50%
HSV	270°, 93%, 94%
XYZ	24.8185, 11.2697, 82.5285
YIQ	75.2090, -4.2350, 93.3090

Conversions

Conversions Part 2

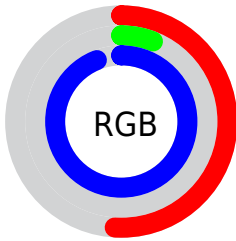
Format	Color
R _Y B	129, 16, 239
Decimal	8458479
CIE Lab	40.03, 78.07, -85.75
CIE LCh	40, 115.963, 312.317
Yxy	11.2697, 0.2092, 0.0950
Android (android.graphics.Color)	4286648559 (0xFF8110EF)
YUV	75.2090, 80.7490, 47.1747
Hunter-Lab	33.5704, 73.2167, -122.2577

Details

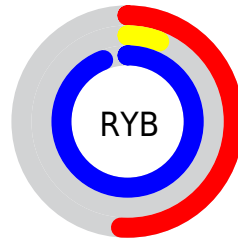
The YUV color **75.2090, 80.7490, 47.1747** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **179.7910, -80.7490, -47.1747**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6610, 58.3411, 47.6553**, and **39.1720, 69.9212, 20.0202** is the 20% darker color. If you saturate the color by 10%, you get **63.4250, 86.5585, 50.4933**, and if you desaturate by 10%, it is **92.8850, 72.0347, 42.1969**.

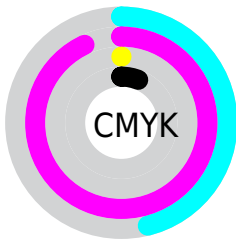
Distribution



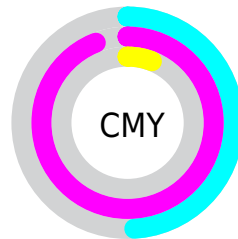
- Red (51%)
- Green (6%)
- Blue (94%)



- Red (51%)
- Yellow (6%)
- Blue (94%)



- Cyan (46%)
- Magenta (93%)
- Yellow (0%)
- Black (6%)





- Cyan (49%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.2090, 80.7490, 47.1747 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 75.2090, 80.7490, 47.1747 by changing the saturation by 10% instead.


 75.2090, 80.7490,
47.1747


 75.2090, 80.7490,
47.1747


255.0000, 0.0000,
0.0000


 52.9430, 77.4291,
38.6380


 136.6610, 58.3411,
47.6553


 39.1720, 69.9212,
20.0202

 162.9530, 45.3792,
51.7842


 18.7520, 66.6773,
-12.9375


 188.6580, 32.7066,
56.4279

 14.4780, 55.4733,
-12.6972

 206.2790, 24.0195,
42.7283

 11.4000, 43.6798,
-9.9978

 223.3020, 15.6271,
27.7991

 13.8330, 30.1553,
-12.1315

 240.9120, 6.9454,

 8.2760, 21.5559,

12.3552

-7.2581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 75.2090, 80.7490,
47.1747

■ 75.2090, 80.7490,
47.1747

■ 63.4250, 86.5585,
50.4933

■ 92.8850, 72.0347,
42.1969

■ 110.5610, 63.3204,
37.2190

■ 127.9380, 54.7536,
31.6264

■ 145.6140, 46.0393,
26.6485

■ 162.7030, 37.6144,
22.1855

■ 180.3790, 28.9002,
17.2076

■ 198.0550, 20.1859,
12.2298

■ 215.4320, 11.6190,
6.6371

■ 233.1080, 2.9048,
1.6593

Harmonies

Analogous

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



87.1830, 82.7338, -76.4595



75.2090, 80.7490, 47.1747



84.5320, 34.2477, 122.3134

Triad

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



75.2090, 80.7490, 47.1747



86.2830, -42.5375, 63.7728



88.5370, 21.9203, -77.6469

Complementary

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



75.2090, 80.7490, 47.1747



179.7910, -80.7490, -47.1747

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.



74.6920, -23.5122, -65.5049



75.2090, 80.7490, 47.1747



84.0820, -41.4524, -4.4569

Square

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



75.2090, 80.7490, 47.1747



64.8830, -31.9873, 133.4066



68.6790, -33.8587, -60.2315



100.0850, 61.0901, -87.7745

Rectangle

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



75.2090, 80.7490, 47.1747



83.1450, 4.3655, 140.1928



68.6790, -33.8587, -60.2315



84.1880, 7.7953, -73.8329

Sweetspot

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



75.2090, 80.7490, 47.1747



202.8580, 25.7060, 15.0335



106.5790, 65.2836, -79.4378



95.5940, 15.9762, 9.1261



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.



75.2090, 80.7490, 47.1747



67.6410, 92.3680, 53.8118



108.0990, 64.5342, 114.8002



111.1620, 4.3571, 2.4889



48.7830, 66.6620, 38.7783



14.7560, 20.3333, 11.6150

Inverse Universe

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



95.2170, 15.1760, 126.0977



90.6090, 17.4478, 144.1709



146.9010, -64.5342, -114.8002



112.2720, 0.8519, 6.7775



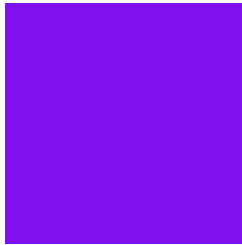
65.3900, 12.6257, 104.0210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 75.2090, 80.7490, 47.1747 looks on a white background.

Color Contrast Check

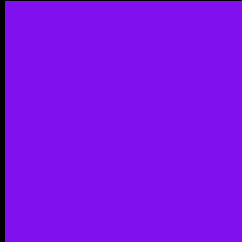
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.2090, 80.7490, 47.1747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

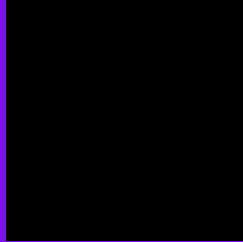
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2090, 80.7490, 47.1747

Background



This preview shows how black text looks on a background with the YUV color 75.2090, 80.7490, 47.1747.



This preview shows how white text looks on a background with the YUV color 75.2090, 80.7490,

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

75.2090, 80.7490, 47.1747

Protanopia

76.0060, 57.6780, -66.6573

Deuteranopia

76.3360, 43.7114, -66.9467



Tritanopia

95.0970, 2.9102, -0.0851

Trichromacy



Original Color

75.2090, 80.7490, 47.1747

Protanomaly

75.5610, 66.2784, -25.0480

Deuteranomaly

75.8570, 57.2585, -25.3076

Tritanomaly

87.9490, 31.0841, 16.7077

Monochromacy



Original Color

75.2090, 80.7490, 47.1747

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4930, 29.3370, 17.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2090, 80.7490, 47.1747 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(129, 16, 239)` looks like.

```
.text, #text, p{  
    color:rgb(129, 16, 239)  
}
```

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(129, 16, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 16, 239) }
```

Border

The CSS property to change the border of an element to YUV 75.2090, 80.7490, 47.1747 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(129, 16, 239) }
```


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

```
.border{ border-color:rgb(129, 16, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 16, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 16, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 16, 239);  
box-shadow:4px 4px 4px 4px rgb(129, 16,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 75.2090, 80.7490, 47.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 16, 239) }
```

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

```
.background{ background-color: rgb(129, 16,  
239) }
```

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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