

Converting Colors

YUV(75.4990, 81.0990, 74.9844)

Have a look what the booklet for
YUV(75.4990, 81.0990, 74.9844)
contains.

YUV(75.4990, 81.0990, 74.9844)	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>	30

Color

**YUV(75.4990, 81.0990,
74.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	A100F0
RGB	161, 0, 240
RGB Percent	63%, 0%, 94%
CMY	0.3686, 1.0000, 0.0588
CMYK	0.33, 1.00, 0.00, 0.06
HSL	280°, 100%, 47%
HSV	280°, 100%, 94%
XYZ	30.4261, 13.8683, 83.5113
YIQ	75.4990, 18.9160, 108.7720

Conversions

Conversions Part 2

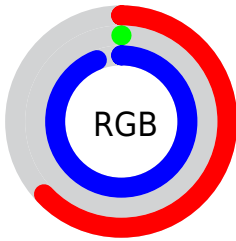
Format	Color
R_{YB}	161, 0, 240
Decimal	10551536
CIE _{Lab}	44.04, 83.23, -79.55
CIE _{LCh}	44, 115.131, 316.295
Yxy	13.8683, 0.2381, 0.1085
Android (android.graphics.Color)	4288741616 (0xFFFA100F0)
YUV	75.4990, 81.0990, 74.9844
Hunter-Lab	37.2402, 80.6682, -106.8898

Details

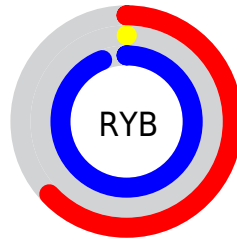
The YUV color **75.4990, 81.0990, 74.9844** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **164.5010, -81.0990, -74.9844**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5170, 53.4821, 66.1986**, and **50.7620, 65.1933, 43.1817** is the 20% darker color. If you saturate the color by 10%, you get **75.4990, 81.0990, 74.9844**, and if you desaturate by 10%, it is **91.9790, 72.9744, 67.5474**.

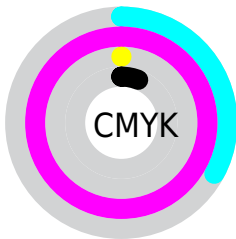
Distribution



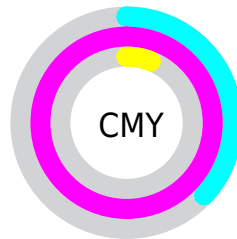
- Red (63%)
- Green (0%)
- Blue (94%)



- Red (63%)
- Yellow (0%)
- Blue (94%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (37%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.4990, 81.0990, 74.9844 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 75.4990, 81.0990, 74.9844 by changing the saturation by 10% instead.


 75.4990, 81.0990,
74.9844


 75.4990, 81.0990,
74.9844


255.0000, 0.0000,
0.0000


 63.2230, 72.8541,
59.4404


 146.5170, 53.4821,
66.1986


 50.7620, 65.1933,
43.1817


 173.3960, 40.2308,
69.8127


 37.7030, 57.8274,
25.6935


 191.6040, 31.2542,
55.5983

 23.2630, 51.6353,
5.0313

 208.6270, 22.8619,
40.6691

 11.6280, 44.5534,
-10.1978

 226.2370, 14.1802,
25.2252

 8.6640, 33.1966,
-7.5983

 243.8470, 5.4984,

 8.8630, 21.2665,

9.7812

-7.7729

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 75.4990, 81.0990,
74.9844

■ 91.9790, 72.9744,
67.5474

■ 108.4590, 64.8497,
60.1105

■ 124.9390, 56.7251,
52.6735

■ 141.4190, 48.6004,
45.2365

■ 157.6000, 40.6232,
37.1848

■ 174.0800, 32.4986,
29.7478

■ 190.5600, 24.3739,
22.3109

■ 207.0400, 16.2493,
14.8739

■ 223.5200, 8.1246,
7.4370

Harmonies

Analogous

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



88.9440, 81.8656, -78.0039



75.4990, 81.0990, 74.9844



89.6860, 30.7208, 133.5794

Triad

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



75.4990, 81.0990, 74.9844



98.0450, -48.3362, 56.9655



98.2030, 28.4939, -86.1240

Complementary

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



75.4990, 81.0990, 74.9844



164.5010, -81.0990, -74.9844

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.



84.8140, -15.1913, -74.3819



75.4990, 81.0990, 74.9844



90.8160, -44.7723, -12.9936

Square

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



75.4990, 81.0990, 74.9844



66.6770, -32.8718, 137.0953



75.7230, -37.3314, -66.4091



108.9360, 67.0796, -95.5369

Rectangle

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



75.4990, 81.0990, 74.9844



86.5050, 1.7230, 147.7701



75.7230, -37.3314, -66.4091



93.8540, 14.3690, -82.3100

Sweetspot

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



75.4990, 81.0990, 74.9844



202.9130, 25.6789, 23.7553



74.3200, 81.6802, -65.1786



96.2140, 15.6705, 13.8443



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.



75.4990, 81.0990, 74.9844



80.1990, 86.1769, 79.6325



94.5600, 51.9819, 127.5509



111.7600, 4.0623, 3.7185



57.7530, 62.2398, 57.2216



17.7460, 18.8592, 17.7628

Inverse Universe

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



80.7660, -0.8706, 139.6482



85.8210, -0.8978, 148.3700



145.4400, -51.9819, -127.5509



112.0440, -0.0217, 6.9774



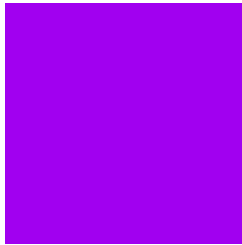
61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 75.4990, 81.0990, 74.9844 looks on a white background.

Color Contrast Check

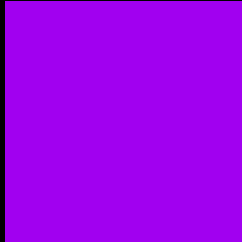
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.4990, 81.0990, 74.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

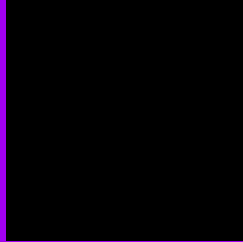
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4990, 81.0990, 74.9844

Background



This preview shows how black text looks on a background with the YUV color 75.4990, 81.0990, 74.9844.

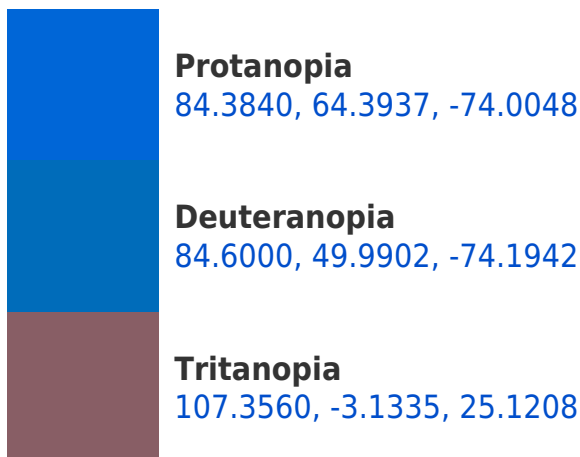


This preview shows how white text looks on a background with the YUV color 75.4990, 81.0990,

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



Trichromacy



Protanomaly

81.3320, 70.3353, -19.5852

Deuteranomaly

81.6280, 61.3154, -19.8448

Tritanomaly

95.9030, 27.6558, 43.0581

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2600, 29.4518, 26.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4990, 81.0990, 74.9844 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(161, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 240)  
}
```

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(161, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 240) }
```

Border

The CSS property to change the border of an element to YUV 75.4990, 81.0990, 74.9844 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(161, 0, 240) }
```

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

```
.border{ border-color:rgb(161, 0, 240) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(161, 0,  
240) }
```


Background

The CSS property to change the background color of an element to YUV 75.4990, 81.0990, 74.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 240) }
```

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

```
.background{ background-color: rgb(161, 0,  
240) }
```

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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