

Converting Colors

YUV(86.9990, 78.8805, -7.0151)

Have a look what the booklet for
YUV(86.9990, 78.8805, -7.0151)
contains.

YUV(86.9990, 78.8805, -7.0151)	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(86.9990, 78.8805,
-7.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3CF7
RGB	79, 60, 247
RGB Percent	31%, 24%, 97%
CMY	0.6902, 0.7647, 0.0314
CMYK	0.68, 0.76, 0.00, 0.03
HSL	246°, 92%, 60%
HSV	246°, 76%, 97%
XYZ	21.6288, 11.6094, 89.0966
YIQ	86.9990, -48.7030, 62.1850

Conversions

Conversions Part 2

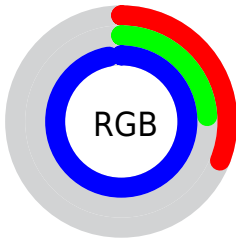
Format	Color
R _Y B	79, 60, 247
Decimal	5192951
CIE Lab	40.59, 61.34, -89.50
CIE LCh	41, 108.505, 304.426
Yxy	11.6094, 0.1768, 0.0949
Android (android.graphics.Color)	4283383031 (0xFF4F3CF7)
YUV	86.9990, 78.8805, -7.0151
Hunter-Lab	34.0725, 53.6825, -131.1871

Details

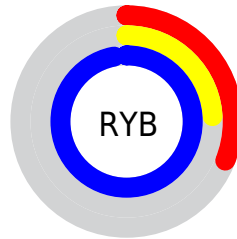
The YUV color **86.9990, 78.8805, -7.0151** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **220.0010, -78.8805, 7.0151**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4790, 57.4449, 8.3499**, and **24.4810, 81.1079, -21.4698** is the 20% darker color. If you saturate the color by 10%, you get **65.7460, 89.3582, -7.6702**, and if you desaturate by 10%, it is **108.2520, 68.4028, -6.3600**.

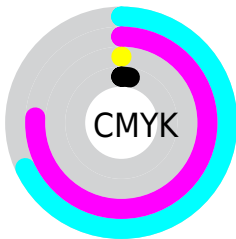
Distribution



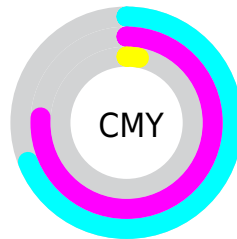
- Red (31%)
- Green (24%)
- Blue (97%)



- Red (31%)
- Yellow (24%)
- Blue (97%)



- Cyan (68%)
- Magenta (76%)
- Yellow (0%)
- Black (3%)



- Cyan (69%)
- Magenta (76%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9990, 78.8805, -7.0151 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 86.9990, 78.8805, -7.0151 by changing the saturation by 10% instead.

■ 86.9990, 78.8805,
-7.0151

■ 86.9990, 78.8805,
-7.0151

■ 255.0000, 0.0000,
0.0000

■ 54.0680, 80.8185,
-21.9846

■ 138.4790, 57.4449,
8.3499

■ 24.4810, 81.1079,
-21.4698

■ 163.8960, 44.9143,
14.1232

■ 18.3540, 70.3245,
-16.0965

■ 189.3130, 32.3837,
19.8965

■ 15.2760, 58.5309,
-13.3971

■ 214.7300, 19.8531,
25.6698

■ 13.9590, 45.8692,
-12.2420

■ 235.0420, 9.8393,
17.5032

■ 15.8050, 32.6341,
-13.8610

■ 252.0650, 1.4470,

■ 9.5470, 23.8873,

2.5740

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 86.9990, 78.8805,
-7.0151

■ 86.9990, 78.8805,
-7.0151

■ 65.7460, 89.3582,
-7.6702

■ 108.2520, 68.4028,
-6.3600

■ 45.0800, 99.5466,
-8.8402

■ 128.9180, 58.2144,
-5.1901

■ 35.6330, 104.2039,
-9.3251

■ 150.4700, 47.5893,
-3.9202

■ 171.7230, 37.1116,
-3.2651

■ 192.3890, 26.9232,
-2.0952

■ 213.6420, 16.4455,
-1.4400

■ 234.8950, 5.9678,
-0.7849

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



86.9990, 78.8805, -7.0151



80.9460, 46.3686, 107.9184

Triad

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



86.9990, 78.8805, -7.0151



84.0230, -41.4233, 79.7868



85.5730, 10.5635, -75.0475

Complementary

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



86.9990, 78.8805, -7.0151



220.0010, -78.8805, 7.0151

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.



71.6140, -35.3057, -62.8055



86.9990, 78.8805, -7.0151



89.2200, -43.9855, 14.7161

Square

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



86.9990, 78.8805, -7.0151



66.3780, -32.7244, 136.4805



67.5050, -33.2800, -59.2019



96.8930, 48.8598, -84.9752

Rectangle

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



86.9990, 78.8805, -7.0151



82.7060, 16.9069, 130.9308



67.5050, -33.2800, -59.2019



81.4520, -2.6878, -71.4334

Sweetspot

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



86.9990, 78.8805, -7.0151



204.5200, 24.8866, -2.2100



179.9340, 33.0635, -105.1821



97.0010, 15.2825, -1.7549



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.



86.9990, 78.8805, -7.0151



56.6240, 97.7994, -8.4402



114.8060, 65.1716, 50.1591



111.6670, 5.0942, -0.5850



26.8850, 78.4437, -6.9151



8.5200, 24.8866, -2.2100

Inverse Universe

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



135.0650, 45.8170, 98.1670



116.0800, 56.6556, 121.8328



192.1940, -65.1716, -50.1591



114.8420, 3.0359, 6.2776



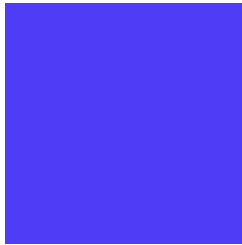
74.6520, 45.5276, 97.6522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 86.9990, 78.8805, -7.0151 looks on a white background.

Color Contrast Check

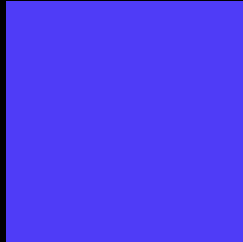
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.9990, 78.8805, -7.0151 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 86.9990, 78.8805, -7.0151

Background



This preview shows how black text looks on a background with the YUV color 86.9990, 78.8805, -7.0151.



This preview shows how white text looks on a background with the YUV color 86.9990, 78.8805, -7.0151.

-7.0151.

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

86.9990, 78.8805, -7.0151

Protanopia

76.0060, 57.6780, -66.6573

Deuteranopia

76.2220, 43.2746, -66.8467



Tritanopia

74.4030, 18.5353, -65.2514

Trichromacy



Original Color

86.9990, 78.8805, -7.0151

Protanomaly

79.9130, 65.6119, -44.6507

Deuteranomaly

80.0950, 56.1552, -44.8103

Tritanomaly

79.2680, 40.2939, -44.0850

Monochromacy



Original Color

86.9990, 78.8805, -7.0151

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8450, 28.6704, -2.4951

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9990, 78.8805, -7.0151 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(79, 60, 247)` looks like.

```
.text, #text, p{  
    color:rgb(79, 60, 247)  
}
```

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(79, 60, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 60, 247) }
```

Border

The CSS property to change the border of an element to YUV 86.9990, 78.8805, -7.0151 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(79, 60, 247) }
```


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

```
.border{ border-color:rgb(79, 60, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 60, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 60, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 60, 247);  
box-shadow:4px 4px 4px 4px rgb(79, 60,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 86.9990, 78.8805, -7.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 60, 247) }
```

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

```
.background{ background-color: rgb(79, 60,  
247) }
```

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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