

Converting Colors

YUV(76.6090, 77.5938, 79.2729)

Have a look what the booklet for
YUV(76.6090, 77.5938, 79.2729)
contains.

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Color

**YUV(76.6090, 77.5938,
79.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	A700EA
RGB	167, 0, 234
RGB Percent	65%, 0%, 92%
CMY	0.3451, 1.0000, 0.0824
CMYK	0.29, 1.00, 0.00, 0.08
HSL	283°, 100%, 46%
HSV	283°, 100%, 92%
XYZ	30.7876, 14.1560, 78.9516
YIQ	76.6090, 24.4180, 108.1780

Conversions

Conversions Part 2

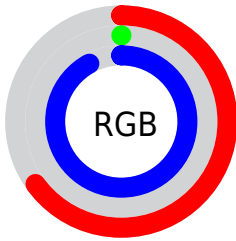
Format	Color
RYB	167, 0, 234
Decimal	10944746
CIELab	44.46, 82.80, -75.44
CIELCh	44, 112.017, 317.661
Yxy	14.1560, 0.2485, 0.1143
Android (android.graphics.Color)	4289134826 (0xFFA700EA)
YUV	76.6090, 77.5938, 79.2729
Hunter-Lab	37.6245, 80.2215, -98.0777

Details

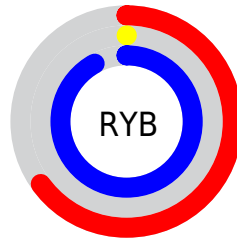
The YUV color **76.6090, 77.5938, 79.2729** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **157.3910, -77.5938, -79.2729**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8980, 52.3083, 69.3725**, and **52.1710, 61.5407, 48.0850** is the 20% darker color. If you saturate the color by 10%, you get **76.6090, 77.5938, 79.2729**, and if you desaturate by 10%, it is **92.2030, 69.9059, 71.7360**.

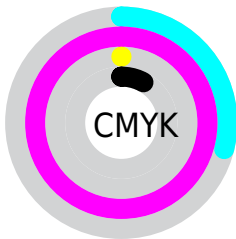
Distribution



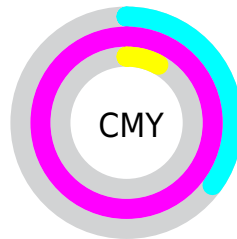
- Red (65%)
- Green (0%)
- Blue (92%)



- Red (65%)
- Yellow (0%)
- Blue (92%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)





- Cyan (35%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.6090, 77.5938, 79.2729 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 76.6090, 77.5938, 79.2729 by changing the saturation by 10% instead.


 76.6090, 77.5938,
79.2729


 76.6090, 77.5938,
79.2729


255.0000, 0.0000,
0.0000


 64.3330, 69.3488,
63.7290


 148.8980, 52.3083,
69.3725


 52.1710, 61.5407,
48.0850


 174.5810, 39.6466,
70.5275


 39.7100, 53.8800,
31.8263


 192.1910, 30.9648,
55.0835

 26.5800, 47.5351,
13.5233

 209.2140, 22.5725,
40.1543

 11.0580, 42.3694,
-9.6979

 226.8240, 13.8908,
24.7104

 8.2080, 31.4495,
-7.1984

 244.4340, 5.2090,

 7.8200, 19.8087,

9.2664

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 76.6090, 77.5938,
79.2729

■ 92.2030, 69.9059,
71.7360

■ 108.0850, 62.0761,
63.0695

■ 123.6790, 54.3883,
55.5325

■ 139.8600, 46.4110,
47.4808

■ 155.4540, 38.7232,
39.9438

■ 170.7490, 31.1827,
31.7921

■ 186.9300, 23.2055,
23.7404

■ 202.5240, 15.5177,
16.2035

■ 218.4060, 7.6878,
7.5369

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



76.6090, 77.5938, 79.2729



89.2300, 28.9736, 133.9793

Triad

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



76.6090, 77.5938, 79.2729



98.9090, -48.7621, 53.5768



99.2460, 29.9517, -87.0387

Complementary

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



76.6090, 77.5938, 79.2729



157.3910, -77.5938, -79.2729

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.



86.1990, -12.4231, -75.5965



76.6090, 77.5938, 79.2729



91.3920, -45.0563, -15.2528

Square

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



76.6090, 77.5938, 79.2729



65.7800, -32.4295, 135.2509



76.3100, -37.6208, -66.9239



108.9360, 67.0796, -95.5369

Rectangle

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



76.6090, 77.5938, 79.2729



86.1630, 0.4126, 148.0700



76.3100, -37.6208, -66.9239



95.0110, 16.2636, -83.3246

Sweetspot

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



76.6090, 77.5938, 79.2729



203.8100, 25.2367, 25.5996



67.7660, 81.9534, -59.4308



96.8120, 15.3757, 15.0739



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.



76.6090, 77.5938, 79.2729



83.4880, 84.5554, 86.3950



91.2840, 47.1880, 125.1619



109.6460, 3.6255, 3.8185



59.2050, 60.0449, 61.2102



17.5180, 17.9856, 17.9627

Inverse Universe

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



77.6040, -5.2278, 137.1593



84.5670, -5.7025, 149.4697



142.7160, -47.1880, -125.1619



109.6310, -0.3111, 6.4626



60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 76.6090, 77.5938, 79.2729 looks on a white background.

Color Contrast Check

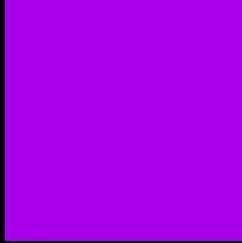
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6090, 77.5938, 79.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

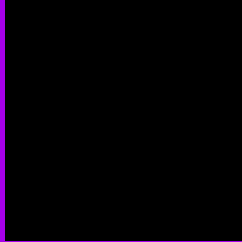
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6090, 77.5938, 79.2729

Background



This preview shows how black text looks on a background with the YUV color 76.6090, 77.5938, 79.2729.

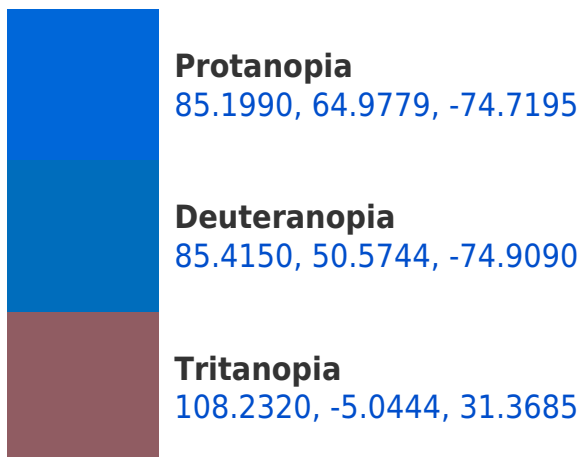


This preview shows how white text looks on a background with the YUV color 76.6090, 77.5938,

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

82.4030, 69.3143, -18.7704

Deuteranomaly

82.1120, 60.5838, -18.5152

Tritanomaly

96.8390, 24.7294, 48.3762

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9290, 28.1360, 29.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6090, 77.5938, 79.2729 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(167, 0, 234)` looks like.

```
.text, #text, p{  
    color:rgb(167, 0, 234)  
}
```

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(167, 0, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 234) }
```

Border

The CSS property to change the border of an element to YUV 76.6090, 77.5938, 79.2729 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(167, 0, 234) }
```

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

```
.border{ border-color:rgb(167, 0, 234) }
```

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

Here you see how a box with a 4 pixel rgb(167, 0, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 234);  
box-shadow:4px 4px 4px 4px rgb(167, 0,  
234) }
```


Background

The CSS property to change the background color of an element to YUV 76.6090, 77.5938, 79.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 234) }
```

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

```
.background{ background-color: rgb(167, 0,  
234) }
```

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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