

# Converting Colors

YUV(76.2880, 74.3010, 62.0144)

Have a look what the booklet for  
YUV(76.2880, 74.3010, 62.0144)  
contains.

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# Color

**YUV(76.2880, 74.3010,  
62.0144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	930BE3
RGB	147, 11, 227
RGB Percent	58%, 4%, 89%
CMY	0.4235, 0.9569, 0.1098
CMYK	0.35, 0.95, 0.00, 0.11
HSL	278°, 91%, 47%
HSV	278°, 95%, 89%
XYZ	26.0174, 11.9884, 73.6158
YIQ	76.2880, 11.7200, 96.0080

# Conversions

## Conversions Part 2

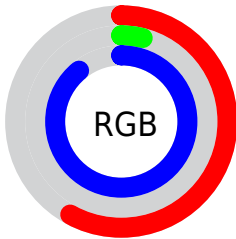
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 11, 227
Decimal	9636835
CIE <sub>Lab</sub>	41.20, 78.11, -76.92
CIE <sub>LCh</sub>	41, 109.622, 315.438
Yxy	11.9884, 0.2331, 0.1074
Android (android.graphics.Color)	4287826915 (0xFF930BE3)
YUV	76.2880, 74.3010, 62.0144
Hunter-Lab	34.6243, 73.5360, -101.8211

# Details

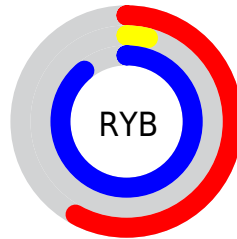
The YUV color **76.2880, 74.3010, 62.0144** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **161.7120, -74.3010, -62.0144**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0320, 55.6932, 56.9769**, and **45.0940, 61.5787, 35.8746** is the 20% darker color. If you saturate the color by 10%, you get **68.6350, 78.0739, 65.2181**, and if you desaturate by 10%, it is **92.1810, 66.4658, 55.0923**.

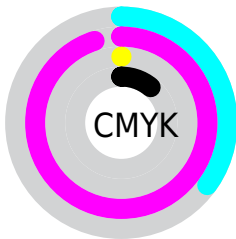
# Distribution



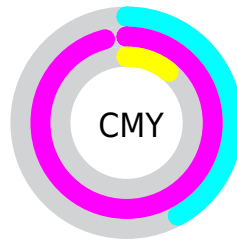
- Red (58%)
- Green (4%)
- Blue (89%)



- Red (58%)
- Yellow (4%)
- Blue (89%)



- Cyan (35%)
- Magenta (95%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (96%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.2880, 74.3010, 62.0144 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 76.2880, 74.3010, 62.0144 by changing the saturation by 10% instead.



76.2880, 74.3010,  
62.0144

76.2880, 74.3010,  
62.0144

255.0000, 0.0000,  
0.0000

57.5550, 69.2394,  
52.1333

142.0320, 55.6932,  
56.9769

45.0940, 61.5787,  
35.8746

168.3240, 42.7313,  
61.1059

32.1490, 54.6495,  
18.2863

190.4300, 31.8330,  
56.6279

15.9150, 49.3419,  
-6.0645

206.8660, 23.7301,  
42.2135

10.2600, 39.3118,  
-8.9980

224.4760, 15.0483,  
26.7695

11.6330, 26.8029,  
-10.2021

241.4990, 6.6560,

6.6630, 17.9141,

11.8404

-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 76.2880, 74.3010,  
62.0144

■ 76.2880, 74.3010,  
62.0144

■ 68.6350, 78.0739,  
65.2181

■ 92.1810, 66.4658,  
55.0923

■ 107.7860, 58.7725,  
49.2997

■ 123.6790, 50.9373,  
42.3775

■ 139.8710, 42.9546,  
36.0701

■ 155.1770, 35.4087,  
29.6628

■ 171.0700, 27.5735,  
22.7406

■ 187.2620, 19.5908,  
16.4332

■ 203.1550, 11.7556,  
9.5111

■ 218.7600, 4.0623,  
3.7185

# Harmonies

## Analogous

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



86.0090, 83.3126, -75.4299



76.2880, 74.3010, 62.0144



84.1040, 30.0217, 124.4428

# Triad

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



76.2880, 74.3010, 62.0144



90.6580, -44.6944, 55.5509



91.5520, 25.8569, -80.2911

# Complementary

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



76.2880, 74.3010, 62.0144



161.7120, -74.3010, -62.0144

# 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.



78.7330, -15.6444, -69.0488



76.2880, 74.3010, 62.0144



85.5220, -42.1623, -10.1048

# Square

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



76.2880, 74.3010, 62.0144



63.0890, -31.1029, 129.7179



71.0270, -35.0163, -62.2907



101.6010, 61.8217, -89.1041



# Rectangle

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



76.2880, 74.3010, 62.0144



81.8630, 2.0395, 139.5631



71.0270, -35.0163, -62.2907



87.3170, 12.1687, -76.5770

# Sweetspot

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



76.2880, 74.3010, 62.0144



203.4890, 25.3949, 21.4961



84.3450, 70.3289, -64.3236



96.5020, 15.5285, 12.7147



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.



76.2880, 74.3010, 62.0144



77.2090, 87.6510, 73.4847



97.3580, 51.5885, 113.6960



106.7600, 4.0623, 3.7185



53.8940, 61.6773, 50.9590



15.3820, 17.5597, 14.5740



# Inverse Universe

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



84.7040, 3.1039, 124.7936



86.9610, 3.4702, 147.3702



140.6420, -51.5885, -113.6960



107.1580, 0.4151, 6.8774



61.0450, 2.4428, 103.4465

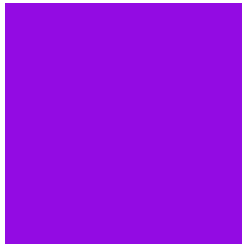


17.4150, 0.7814, 29.4540



# Previews

## White Background



This preview shows how the YUV color 76.2880, 74.3010, 62.0144 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

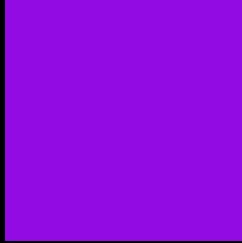
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 76.2880, 74.3010, 62.0144 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

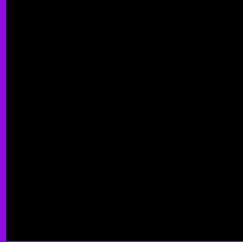
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 76.2880, 74.3010, 62.0144

## Background



This preview shows how black text looks on a background with the YUV color 76.2880, 74.3010, 62.0144.



This preview shows how white text looks on a background with the YUV color 76.2880, 74.3010,



# 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

76.2880, 74.3010, 62.0144

### Protanopia

78.5650, 59.8675, -68.9015

### Deuteranopia

78.8950, 45.9008, -69.1909



## Tritanopia

99.6650, -1.8068, 19.5878

# Trichromacy



## Original Color

76.2880, 74.3010, 62.0144

## Protanomaly

77.3550, 65.3940, -21.3593

## Deuteranomaly

77.6510, 56.3741, -21.6189

## Tritanomaly

91.3920, 25.9357, 34.7362

# Monochromacy



## Original Color

76.2880, 74.3010, 62.0144

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.9560, 27.1367, 22.8406

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.2880, 74.3010, 62.0144 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(147, 11, 227)` looks like.

```
.text, #text, p{  
    color:rgb(147, 11, 227)  
}
```

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(147, 11, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 11, 227) }
```

## Border

The CSS property to change the border of an element to YUV 76.2880, 74.3010, 62.0144 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(147, 11, 227) }
```



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

```
.border{ border-color:rgb(147, 11, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 11, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 11, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 11, 227);  
box-shadow:4px 4px 4px 4px rgb(147, 11,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 76.2880, 74.3010, 62.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 11, 227) }
```

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

```
.background{ background-color: rgb(147, 11,  
227) }
```

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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