

Converting Colors

YUV(69.7660, 2.0874, 77.3812)

Have a look what the booklet for
YUV(69.7660, 2.0874, 77.3812)
contains.

YUV(69.7660, 2.0874, 77.3812)	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(69.7660, 2.0874,
77.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	9E184A
RGB	158, 24, 74
RGB Percent	62%, 9%, 29%
CMY	0.3804, 0.9059, 0.7098
CMYK	0.00, 0.85, 0.53, 0.38
HSL	338°, 74%, 36%
HSV	338°, 85%, 62%
XYZ	15.6632, 8.4168, 7.2776
YIQ	69.7660, 63.8140, 43.9580

Conversions

Conversions Part 2

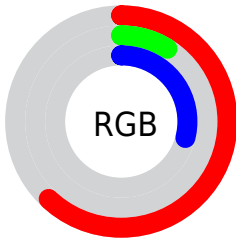
Format	Color
RYB	158, 24, 74
Decimal	10360906
CIELab	34.84, 55.00, 6.48
CIElCh	35, 55.385, 6.722
Yxy	8.4168, 0.4995, 0.2684
Android (android.graphics.Color)	4288550986 (0xFF9E184A)
YUV	69.7660, 2.0874, 77.3812
Hunter-Lab	29.0117, 45.6005, 5.4352

Details

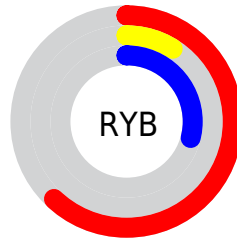
The YUV color **69.7660, 2.0874, 77.3812** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **112.2340, -2.0874, -77.3812**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9850, -3.4436, 78.0662**, and **33.4340, -1.2000, 58.3784** is the 20% darker color. If you saturate the color by 10%, you get **59.2340, 2.3496, 86.6178**, and if you desaturate by 10%, it is **80.2980, 1.8251, 68.1447**.

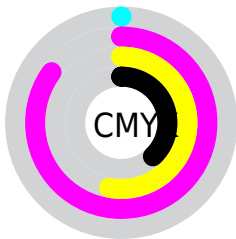
Distribution



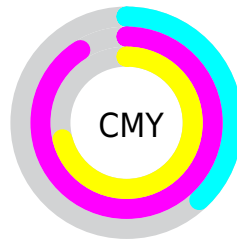
- Red (62%)
- Green (9%)
- Blue (29%)



- Red (62%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (53%)
- Black (38%)



- Cyan (38%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7660, 2.0874, 77.3812 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 69.7660, 2.0874, 77.3812 by changing the saturation by 10% instead.

69.7660, 2.0874,
77.3812

69.7660, 2.0874,
77.3812

255.0000, 0.0000,
0.0000

44.4990, 3.6980,
74.1074

128.9850, -3.4436,
78.0662

33.4340, -1.2000,
58.3784

157.3550, -4.6120,
79.4957

22.3970, -8.5767,
44.3788

178.3750, -1.6639,
67.2001

13.5690, -6.1965,
27.5650

197.8890, 2.0267,
50.0863

0.0000, 0.0000,
0.0000

218.1040, 5.8647,
32.3578

237.9770, 8.3923,

14.9292

■ 69.7660, 2.0874,
77.3812

■ 69.7660, 2.0874,
77.3812

■ 59.2340, 2.3496,
86.6178

■ 80.2980, 1.8251,
68.1447

■ 53.9680, 2.4808,
91.2361

■ 90.8300, 1.5628,
58.9081

■ 100.7750, 1.5899,
50.1863

■ 111.3070, 1.3276,
40.9498

■ 121.8390, 1.0654,
31.7132

■ 132.2570, 0.3663,
22.5766

■ 142.7890, 0.1040,
13.3400

■ 152.7340, 0.1311,
4.6183

■ 163.2660, -0.1311,
-4.6183

Harmonies

Analogous

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



78.5040, 19.4715, 54.8090



69.7660, 2.0874, 77.3812



73.9240, -21.1615, 67.5957

Triad

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



69.7660, 2.0874, 77.3812



68.0350, -33.5413, -21.9557



74.9340, 43.4165, -65.7171

Complementary

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



69.7660, 2.0874, 77.3812



112.2340, -2.0874, -77.3812

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.



73.9760, 29.5918, -64.8770



69.7660, 2.0874, 77.3812



63.2430, -8.9938, -55.4641

Square

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



69.7660, 2.0874, 77.3812



75.9300, -37.4335, 13.2164



69.6610, 10.5201, -61.0927



68.8020, 50.3836, -60.3394

Rectangle

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



69.7660, 2.0874, 77.3812



75.5960, -37.2688, 53.8513



69.6610, 10.5201, -61.0927



75.3100, 39.7802, -66.0469

Sweetspot

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



69.7660, 2.0874, 77.3812



172.7140, 0.6340, 30.0688



64.0930, 46.2962, 37.6294



83.9360, 0.5246, 18.4731



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7660, 2.0874, 77.3812



70.6710, 3.1202, 119.5605



73.4580, -24.3828, 74.1433



73.7340, 0.1311, 4.6183



48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Inverse Universe

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



69.7660, 2.0874, 77.3812



70.6710, 3.1202, 119.5605



108.5420, 24.3828, -74.1433



73.7340, 0.1311, 4.6183



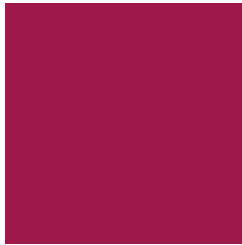
48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 69.7660, 2.0874, 77.3812 looks on a white background.

Color Contrast Check

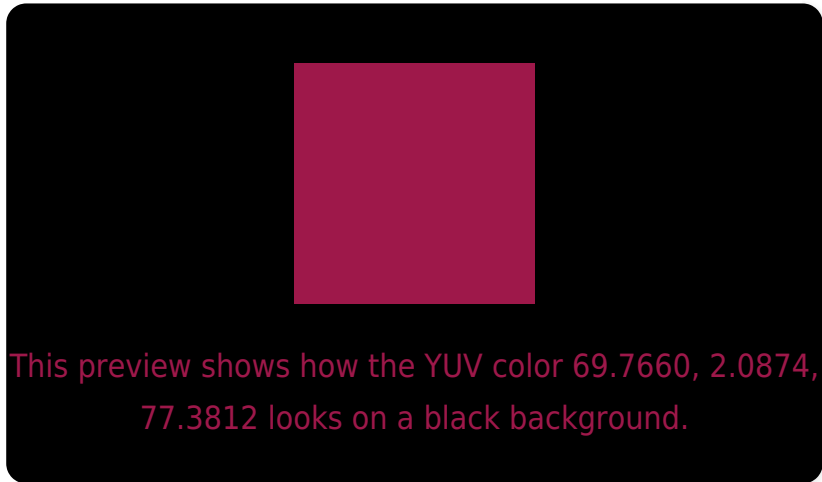
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

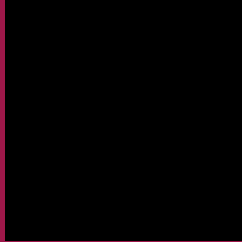
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.7660, 2.0874, 77.3812

Background



This preview shows how black text looks on a background with the YUV color 69.7660, 2.0874, 77.3812.



This preview shows how white text looks on a background with the YUV color 69.7660, 2.0874,

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

69.7660, 2.0874, 77.3812

Protanopia

84.1980, 9.7624, -4.5586

Deuteranopia

83.7150, -7.7475, 11.6509



Tritanopia

71.9940, -17.2520, 73.6733

Trichromacy



Original Color

69.7660, 2.0874, 77.3812

Protanomaly

79.2880, 6.7600, 25.1804

Deuteranomaly

78.7810, -4.3290, 35.2721

Tritanomaly

71.4270, -10.5635, 75.0475

Monochromacy



Original Color

69.7660, 2.0874, 77.3812

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7030, 0.6394, 28.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7660, 2.0874, 77.3812 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(158, 24, 74)` looks like.

```
.text, #text, p{  
    color:rgb(158, 24, 74)  
}
```

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(158, 24, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 24, 74) }
```

Border

The CSS property to change the border of an element to YUV 69.7660, 2.0874, 77.3812 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(158, 24, 74) }
```


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

```
.border{ border-color:rgb(158, 24, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 24, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 24, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 24, 74);  
box-shadow:4px 4px 4px 4px rgb(158, 24,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 69.7660, 2.0874, 77.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 24, 74) }
```

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

```
.background{ background-color: rgb(158, 24,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor