

Converting Colors

YUV(77.1900, 42.7973, 86.6564)

Have a look what the booklet for
YUV(77.1900, 42.7973, 86.6564)
contains.

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Color

**YUV(77.1900, 42.7973,
86.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	B00AA4
RGB	176, 10, 164
RGB Percent	69%, 4%, 64%
CMY	0.3098, 0.9608, 0.3569
CMYK	0.00, 0.94, 0.07, 0.31
HSL	304°, 89%, 36%
HSV	304°, 94%, 69%
XYZ	24.7139, 12.1275, 36.1602
YIQ	77.1900, 49.5020, 83.0860

Conversions

Conversions Part 2

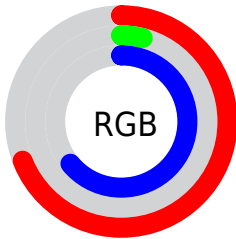
Format	Color
R_{YB}	176, 10, 164
Decimal	11537060
CIE _{Lab}	41.42, 71.64, -39.50
CIE _{LCh}	41, 81.811, 331.126
Yxy	12.1275, 0.3385, 0.1661
Android (android.graphics.Color)	4289727140 (0xFFB00AA4)
YUV	77.1900, 42.7973, 86.6564
Hunter-Lab	34.8246, 65.7326, -37.1868

Details

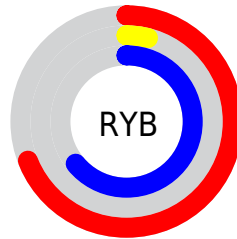
The YUV color **77.1900, 42.7973, 86.6564** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **108.8100, -42.7973, -86.6564**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4140, 36.2779, 77.6899**, and **48.2350, 30.9431, 62.0609** is the 20% darker color. If you saturate the color by 10%, you get **71.2060, 45.2544, 91.9043**, and if you desaturate by 10%, it is **87.8700, 38.0251, 77.2900**.

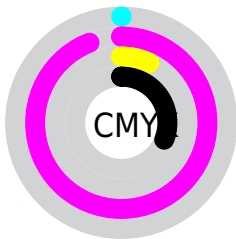
Distribution



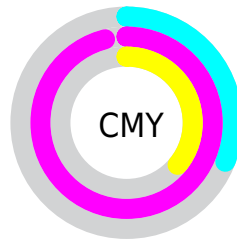
- Red (69%)
- Green (4%)
- Blue (64%)



- Red (69%)
- Yellow (4%)
- Blue (64%)



- Cyan (0%)
- Magenta (94%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (96%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1900, 42.7973, 86.6564 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 77.1900, 42.7973, 86.6564 by changing the saturation by 10% instead.

77.1900, 42.7973,
86.6564

77.1900, 42.7973,
86.6564

255.0000, 0.0000,
0.0000

59.5710, 38.1725,
76.6752

146.4140, 36.2779,
77.6899

48.2350, 30.9431,
62.0609

173.1960, 36.8784,
71.7421

37.1270, 24.5874,
47.2466

191.0170, 31.5436,
56.1131

26.6170, 17.9368,
33.6619

208.0400, 23.1513,
41.1839

15.3240, 12.1653,
18.1329

225.0630, 14.7589,
26.2547

2.5250, 7.1362,
-2.2144

242.6730, 6.0772,

0.0000, 0.0000,

10.8108

0.0000

■ 77.1900, 42.7973,
86.6564

■ 77.1900, 42.7973,
86.6564

■ 71.2060, 45.2544,
91.9043

■ 87.8700, 38.0251,
77.2900

■ 98.0770, 33.9790,
68.3385

■ 108.7570, 29.2068,
58.9721

■ 118.8500, 24.7240,
50.1206

■ 129.5300, 19.9517,
40.7542

■ 140.3240, 15.6163,
31.2879

■ 150.4170, 11.1334,
22.4363

■ 161.0970, 6.3612,
13.0699

■ 171.1900, 1.8783,
4.2184

Harmonies

Analogous

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



95.1130, 59.1043, -10.6231



77.1900, 42.7973, 86.6564



73.3640, 12.1455, 118.0758

Triad

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



77.1900, 42.7973, 86.6564



91.6340, -45.1756, 23.1230



91.7120, 36.6240, -80.4314

Complementary

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



77.1900, 42.7973, 86.6564



108.8100, -42.7973, -86.6564

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.



83.4870, 7.6479, -73.2181



77.1900, 42.7973, 86.6564



79.7860, -39.3345, -30.5073

Square

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



77.1900, 42.7973, 86.6564



88.6860, -43.7222, 70.4354



72.9480, -25.1174, -63.9754



95.1780, 60.0582, -83.4711

Rectangle

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



77.1900, 42.7973, 86.6564



68.1630, -6.4894, 121.7600



72.9480, -25.1174, -63.9754



89.3180, 27.4512, -78.3319

Sweetspot

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



77.1900, 42.7973, 86.6564



191.2750, 16.6264, 33.9618



32.2130, 70.8870, -9.8338



91.7650, 9.9759, 20.3771



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



77.1900, 42.7973, 86.6564



93.0520, 59.1344, 120.1034



67.8420, 6.9799, 94.8546



83.7170, 2.6045, 4.6332



61.9350, 39.4720, 79.8640



10.5100, 6.6506, 13.5847

Inverse Universe

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



77.1900, 42.7973, 86.6564



93.0520, 59.1344, 120.1034



118.1580, -6.9799, -94.8546



83.7170, 2.6045, 4.6332



61.9350, 39.4720, 79.8640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 77.1900, 42.7973, 86.6564 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 77.1900, 42.7973, 86.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

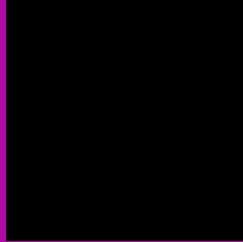
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1900, 42.7973, 86.6564

Background



This preview shows how black text looks on a background with the YUV color 77.1900, 42.7973, 86.6564.



This preview shows how white text looks on a background with the YUV color 77.1900, 42.7973,

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

77.1900, 42.7973, 86.6564

Protanopia

79.4940, 60.8885, -69.7162

Deuteranopia

96.8980, 28.1513, -22.7125



Tritanopia

95.9540, -13.2883, 62.3073

Trichromacy



Original Color

77.1900, 42.7973, 86.6564



Protanomaly

78.8370, 54.3104, -13.0120



Deuteranomaly

89.9320, 33.5575, 16.7226



Tritanomaly

89.1010, 7.3452, 70.9484

Monochromacy



Original Color

77.1900, 42.7973, 86.6564



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

77.3240, 15.6163, 31.2879

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1900, 42.7973, 86.6564 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(176, 10, 164)` looks like.

```
.text, #text, p{  
    color:rgb(176, 10, 164)  
}
```

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(176, 10, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 10, 164) }
```

Border

The CSS property to change the border of an element to YUV 77.1900, 42.7973, 86.6564 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(176, 10, 164) }
```


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

```
.border{ border-color:rgb(176, 10, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 10, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 10, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 10, 164);  
box-shadow:4px 4px 4px 4px rgb(176, 10,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 77.1900, 42.7973, 86.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 10, 164) }
```

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

```
.background{ background-color: rgb(176, 10,  
164) }
```

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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