

Converting Colors

YUV(77.6490, 9.5400, 66.9598)

Have a look what the booklet for
YUV(77.6490, 9.5400, 66.9598)
contains.

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Color

**YUV(77.6490, 9.5400,
66.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	9A2361
RGB	154, 35, 97
RGB Percent	60%, 14%, 38%
CMY	0.3961, 0.8627, 0.6196
CMYK	0.00, 0.77, 0.37, 0.40
HSL	329°, 63%, 37%
HSV	329°, 77%, 60%
XYZ	16.0851, 8.9352, 12.1861
YIQ	77.6490, 51.0220, 44.5100

Conversions

Conversions Part 2

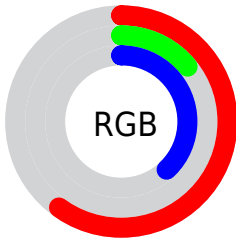
Format	Color
R_{YB}	154, 35, 97
Decimal	10101601
CIE Lab	35.86, 53.04, -6.97
CIE LCh	36, 53.491, 352.513
Yxy	8.9352, 0.4323, 0.2402
Android (android.graphics.Color)	4288291681 (0xFF9A2361)
YUV	77.6490, 9.5400, 66.9598
Hunter-Lab	29.8917, 43.7426, -3.2469

Details

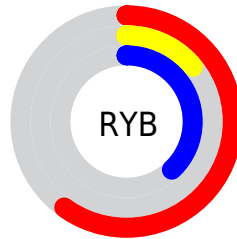
The YUV color **77.6490, 9.5400, 66.9598** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **111.3510, -9.5400, -66.9598**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2640, 6.7718, 68.1745**, and **35.1160, 7.8308, 55.1493** is the 20% darker color. If you saturate the color by 10%, you get **68.0460, 10.8233, 75.3817**, and if you desaturate by 10%, it is **87.2520, 8.2568, 58.5380**.

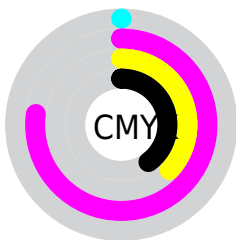
Distribution



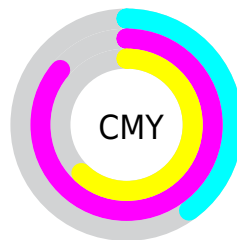
- Red (60%)
- Green (14%)
- Blue (38%)



- Red (60%)
- Yellow (14%)
- Blue (38%)



- Cyan (0%)
- Magenta (77%)
- Yellow (37%)
- Black (40%)



- Cyan (40%)
- Magenta (86%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.6490, 9.5400, 66.9598 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 77.6490, 9.5400, 66.9598 by changing the saturation by 10% instead.


 77.6490, 9.5400,
66.9598

 77.6490, 9.5400,
66.9598

255.0000, 0.0000,
0.0000


 45.9960, 13.3130,
70.1635


 134.2640, 6.7718,
68.1745


 35.1160, 7.8308,
55.1493

 162.0470, 5.8928,
70.1188


 24.6490, 2.6380,
40.6498

 185.5620, 8.1039,
60.8971

 13.9820, -5.9071,
28.0798

 205.1900, 12.2313,
43.6834

 0.0000, 0.0000,
0.0000

 224.4760, 15.0483,
26.7695

 241.4990, 6.6560,

11.8404

■ 77.6490, 9.5400,
66.9598

■ 77.6490, 9.5400,
66.9598

■ 68.0460, 10.8233,
75.3817

■ 87.2520, 8.2568,
58.5380

■ 57.7420, 11.9592,
84.4183

■ 97.5560, 7.1209,
49.5014

■ 55.1660, 12.2432,
86.6774

■ 107.1590, 5.8376,
41.0796

■ 117.4630, 4.7017,
32.0429

■ 127.0660, 3.4185,
23.6211

■ 136.6690, 2.1352,
15.1993

■ 146.9730, 0.9993,
6.1627

■ 156.5760, -0.2840,
-2.2592

■ 166.7660, -1.8566,
-11.1958

Harmonies

Analogous

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



85.5660, 25.3570, 33.7066



77.6490, 9.5400, 66.9598



75.7040, -10.7001, 72.1736

Triad

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



77.6490, 9.5400, 66.9598



75.5320, -37.2373, -3.0976



76.6150, 37.1648, -67.1914

Complementary

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



77.6490, 9.5400, 66.9598



111.3510, -9.5400, -66.9598

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.



73.6850, 20.8613, -64.6217



77.6490, 9.5400, 66.9598



61.1910, -16.8562, -53.6645

Square

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



77.6490, 9.5400, 66.9598



79.8610, -39.3715, 28.1859



68.6690, 1.6422, -60.2227



73.9710, 47.3423, -64.8726

Rectangle

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



77.6490, 9.5400, 66.9598



78.1530, -25.2184, 62.1328



68.6690, 1.6422, -60.2227



76.0620, 32.5074, -66.7064

Sweetspot

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



77.6490, 9.5400, 66.9598



171.4900, 3.7024, 25.8803



65.3100, 43.7242, 22.5301



83.3810, 2.2772, 16.3289



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



77.6490, 9.5400, 66.9598



81.0850, 15.2411, 105.1655



71.0370, -15.7942, 72.7586



71.8480, 0.5679, 4.5183



50.1820, 11.2493, 78.7704



4.6850, 1.1413, 7.2923

Inverse Universe

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



77.6490, 9.5400, 66.9598



81.0850, 15.2411, 105.1655



117.9630, 15.7942, -72.7586



71.8480, 0.5679, 4.5183



50.1820, 11.2493, 78.7704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 77.6490, 9.5400, 66.9598 looks on a white background.

Color Contrast Check

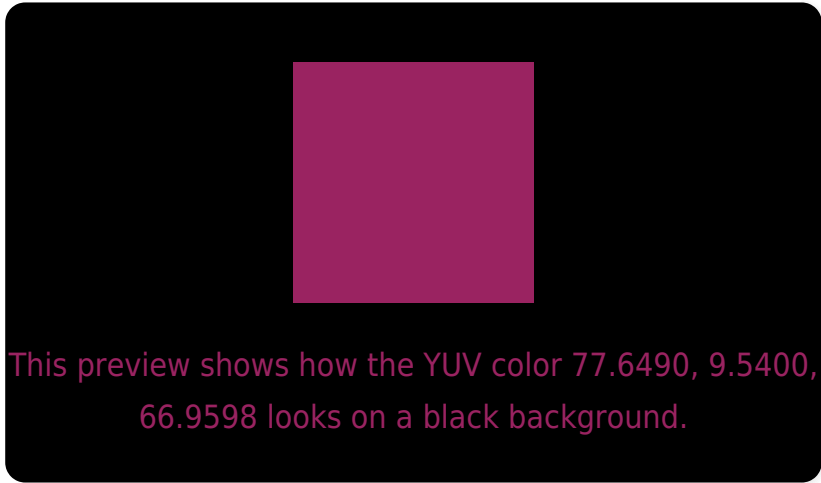
Large Text (above 18pt) WCAG AA ✓ Pass

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

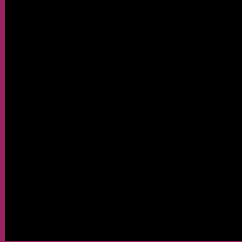
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.6490, 9.5400, 66.9598

Background



This preview shows how black text looks on a background with the YUV color 77.6490, 9.5400, 66.9598.



This preview shows how white text looks on a background with the YUV color 77.6490, 9.5400,

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

77.6490, 9.5400, 66.9598

Protanopia

85.0580, 22.1564, -13.2059

Deuteranopia

86.3040, 2.3151, 4.1184



Tritanopia

79.7260, -14.1619, 62.5073

Trichromacy



Original Color

77.6490, 9.5400, 66.9598

Protanomaly

82.3930, 17.5543, 16.3183

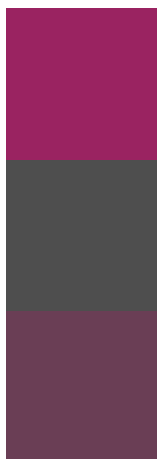
Deuteranomaly

83.4300, 4.7180, 26.8099

Tritanomaly

79.0280, -5.4368, 63.9964

Monochromacy



Original Color

77.6490, 9.5400, 66.9598

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7780, 3.5604, 24.7507

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6490, 9.5400, 66.9598 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(154, 35, 97)` looks like.

```
.text, #text, p{  
    color:rgb(154, 35, 97)  
}
```

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(154, 35, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 35, 97) }
```

Border

The CSS property to change the border of an element to YUV 77.6490, 9.5400, 66.9598 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(154, 35, 97) }
```


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

```
.border{ border-color:rgb(154, 35, 97) }
```

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

Here you see how a box with a 4 pixel rgb(154, 35, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 35, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 35, 97);  
box-shadow:4px 4px 4px 4px rgb(154, 35,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 77.6490, 9.5400, 66.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 35, 97) }
```

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

```
.background{ background-color: rgb(154, 35,  
97) }
```

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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