

Converting Colors

YUV(89.7430, 9.9867, 16.8884)

Have a look what the booklet for
YUV(89.7430, 9.9867, 16.8884)
contains.

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Color

**YUV(89.7430, 9.9867,
16.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4C6E
RGB	109, 76, 110
RGB Percent	43%, 30%, 43%
CMY	0.5725, 0.7020, 0.5686
CMYK	0.01, 0.31, 0.00, 0.57
HSL	298°, 18%, 36%
HSV	298°, 31%, 43%
XYZ	11.7056, 9.5459, 15.9774
YIQ	89.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

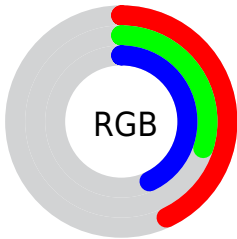
Format	Color
R_{YB}	109, 76, 110
Decimal	7162990
CIE _{Lab}	37.01, 20.25, -14.09
CIE _{LCh}	37, 24.669, 325.182
Yxy	9.5459, 0.3144, 0.2564
Android (android.graphics.Color)	4285353070 (0xFF6D4C6E)
YUV	89.7430, 9.9867, 16.8884
Hunter-Lab	30.8964, 13.5588, -9.0331

Details

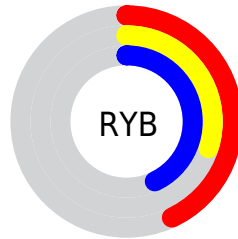
The YUV color **89.7430, 9.9867, 16.8884** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.2570, -9.9867, -16.8884**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9820, 10.8549, 18.4328**, and **43.5040, 9.1185, 15.3440** is the 20% darker color. If you saturate the color by 10%, you get **83.2860, 13.1700, 22.5512**, and if you desaturate by 10%, it is **96.2000, 6.8034, 11.2256**.

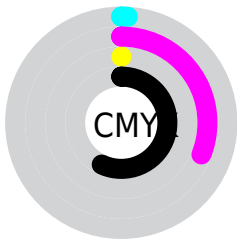
Distribution



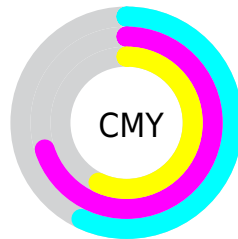
- Red (43%)
- Green (30%)
- Blue (43%)



- Red (43%)
- Yellow (30%)
- Blue (43%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7430, 9.9867, 16.8884 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 89.7430, 9.9867, 16.8884 by changing the saturation by 10% instead.

■ 89.7430, 9.9867,
16.8884

■ 89.7430, 9.9867,
16.8884

■ 255.0000, 0.0000,
0.0000

■ 66.0310, 9.8447,
15.7588

■ 139.9820, 10.8549,
18.4328

■ 43.5040, 9.1185,
15.3440

■ 166.3950, 11.1443,
18.9476

■ 21.7920, 8.9765,
14.2144

■ 193.8080, 11.4337,
19.4624

■ 4.8570, 6.9725,
3.6334

■ 222.1070, 11.2862,
20.0772

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,
10.8108

89.7430, 9.9867,
16.8884

89.7430, 9.9867,
16.8884

83.2860, 13.1700,
22.5512

96.2000, 6.8034,
11.2256

76.5300, 16.5007,
27.5992

102.9560, 3.4727,
6.1776

70.0730, 19.6840,
33.2620

109.4130, 0.2894,
0.5148

63.6160, 22.8673,
38.9248

115.8700, -2.8939,
-5.1480

56.8600, 26.1980,
43.9728

122.6260, -6.2246,
-10.1960

50.4030, 29.3813,
49.6356


129.0830, -9.4079,
-15.8588

44.5330, 32.2752,
54.7836

135.5400,
-12.5912, -21.5216

142.2960,

-15.9219, -26.5696

 148.7530,
-19.1052, -32.2324

Harmonies

Analogous

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



88.1580, 17.1771, -2.7696



89.7430, 9.9867, 16.8884



89.4150, 0.7814, 29.4540

Triad

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



89.7430, 9.9867, 16.8884



86.0500, -19.2516, 14.8652



68.6810, 16.9193, -60.2332

Complementary

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



89.7430, 9.9867, 16.8884



96.2570, -9.9867, -16.8884

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.



75.6700, 3.6137, -39.1756



89.7430, 9.9867, 16.8884



83.9340, -16.7295, -0.8191

Square

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



89.7430, 9.9867, 16.8884



87.3380, -15.9426, 26.8906



81.0010, -8.3815, -18.4179



71.1250, 23.6024, -57.1146

Rectangle

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



89.7430, 9.9867, 16.8884



88.8300, -5.3392, 32.5981



81.0010, -8.3815, -18.4179



69.4810, 13.5669, -58.3038

Sweetspot

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



89.7430, 9.9867, 16.8884



135.0700, 3.9095, 6.0776



80.4630, 14.5617, -3.9141



66.8910, 2.0257, 3.6036



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.7430, 9.9867, 16.8884



111.2910, 15.6325, 26.0548



88.2180, 2.8505, 19.1028



52.4780, 1.7363, 3.0888



48.3640, 35.3165, 59.3168



99.9180, 72.5114, 122.8519

Inverse Universe

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



86.2800, -4.5750, 20.8024



106.0750, -6.9390, 32.3832



97.7820, -2.8505, -19.1028



51.9080, -0.4476, 3.5887



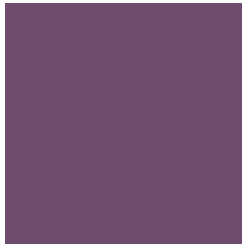
36.3360, -15.9416, 73.3733



74.6510, -33.3519, 151.1501

Previews

White Background



This preview shows how the YUV color 89.7430, 9.9867, 16.8884 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



This preview shows how the YUV color 89.7430, 9.9867, 16.8884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

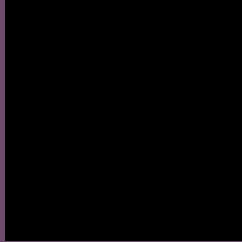
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7430, 9.9867, 16.8884

Background



This preview shows how black text looks on a background with the YUV color 89.7430, 9.9867, 16.8884.

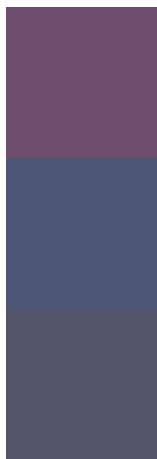


This preview shows how white text looks on a background with the YUV color 89.7430, 9.9867,

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

89.7430, 9.9867, 16.8884

Protanopia

87.2560, 15.1568, -8.1175

Deuteranopia

88.2090, 9.7570, -2.8143



Tritanopia

89.1590, -1.0644, 14.7696

Trichromacy



Original Color

89.7430, 9.9867, 16.8884

Protanomaly

87.8550, 13.3825, 1.0042

Deuteranomaly

88.6660, 10.0247, 4.6779

Tritanomaly

89.1960, 2.8614, 15.6141

Monochromacy



Original Color

89.7430, 9.9867, 16.8884

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7430, 9.9867, 16.8884 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(109, 76, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 76, 110)  
}
```

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(109, 76, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 76, 110) }
```

Border

The CSS property to change the border of an element to YUV 89.7430, 9.9867, 16.8884 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(109, 76, 110) }
```


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

```
.border{ border-color:rgb(109, 76, 110) }
```

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

Here you see how a box with a 4 pixel rgb(109, 76, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 76, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 76, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 76,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 89.7430, 9.9867, 16.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 76, 110) }
```

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

```
.background{ background-color: rgb(109, 76,  
110) }
```

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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