

Converting Colors

YUV(75.7430, 9.9867, 16.8884)

Have a look what the booklet for
YUV(75.7430, 9.9867, 16.8884)
contains.

YUV(75.7430, 9.9867, 16.8884)	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(75.7430, 9.9867,
16.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3E60
RGB	95, 62, 96
RGB Percent	37%, 24%, 38%
CMY	0.6275, 0.7569, 0.6235
CMYK	0.01, 0.35, 0.00, 0.62
HSL	298°, 22%, 31%
HSV	298°, 35%, 38%
XYZ	8.5533, 6.7227, 11.9131
YIQ	75.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

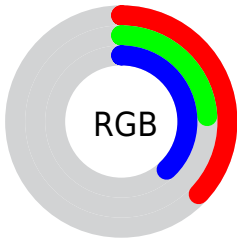
Format	Color
R_{YB}	95, 62, 96
Decimal	6241888
CIE Lab	31.17, 20.76, -14.33
CIE LCh	31, 25.225, 325.369
Yxy	6.7227, 0.3146, 0.2473
Android (android.graphics.Color)	4284431968 (0xFF5F3E60)
YUV	75.7430, 9.9867, 16.8884
Hunter-Lab	25.9281, 13.5100, -9.0922

Details

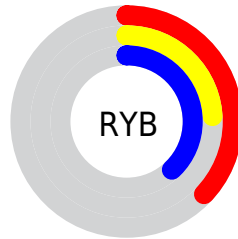
The YUV color **75.7430, 9.9867, 16.8884** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.2570, -9.9867, -16.8884**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9820, 10.8549, 18.4328**, and **30.6180, 9.5553, 15.2440** is the 20% darker color. If you saturate the color by 10%, you get **69.8730, 12.8806, 22.0364**, and if you desaturate by 10%, it is **81.6130, 7.0928, 11.7404**.

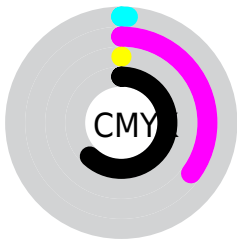
Distribution



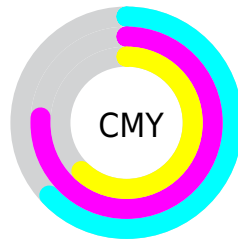
- Red (37%)
- Green (24%)
- Blue (38%)



- Red (37%)
- Yellow (24%)
- Blue (38%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (62%)



- Cyan (63%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7430, 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 75.7430, 9.9867, 16.8884 by changing the saturation by 10% instead.

■ 75.7430, 9.9867,
16.8884

■ 75.7430, 9.9867,
16.8884

255.0000, 0.0000,
0.0000

■ 52.9170, 9.4079,
15.8588

■ 124.9820, 10.8549,
18.4328

■ 30.6180, 9.5553,
15.2440

■ 151.2810, 10.7075,
19.0476

■ 12.2760, 8.2449,
15.5439

■ 177.8080, 11.4337,
19.4624

■ 0.0000, 0.0000,
0.0000

■ 205.5200, 11.5756,
20.5920

■ 232.6940, 10.9969,
19.5624

■ 249.7170, 2.6045,

4.6332

■ 75.7430, 9.9867,
16.8884

■ 75.7430, 9.9867,
16.8884

■ 69.8730, 12.8806,
22.0364

■ 81.6130, 7.0928,
11.7404

■ 64.2910, 15.6325,
26.0548

■ 87.1950, 4.3409,
7.7220

■ 58.4210, 18.5264,
31.2028

■ 93.0650, 1.4470,
2.5740

■ 53.1380, 21.1310,
35.8360

■ 98.3480, -1.1576,
-2.0592

■ 47.2680, 24.0249,
40.9840

■ 104.2180, -4.0515,
-7.2072

■ 41.0990, 27.0662,
45.5172

■ 110.3870, -7.0928,
-11.7404

■ 38.7510, 28.2238,
47.5764

■ 115.6700, -9.6973,
-16.3736

■ 121.5400,
-12.5912, -21.5216

■ 127.1220,
-15.3431, -25.5400

Harmonies

Analogous

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



73.8590, 17.3245, -3.3843



75.7430, 9.9867, 16.8884



74.5290, 1.2182, 29.3541

Triad

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



75.7430, 9.9867, 16.8884



71.7510, -19.1042, 14.2504



58.9810, 15.2924, -51.7263

Complementary

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



75.7430, 9.9867, 16.8884



82.2570, -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.



58.7940, 5.5246, -45.4233



75.7430, 9.9867, 16.8884



70.0480, -16.2927, -0.9191

Square

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



75.7430, 9.9867, 16.8884



73.0390, -15.7952, 26.2758



66.7020, -8.2341, -19.0327



59.5170, 22.4231, -52.1964

Rectangle

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



75.7430, 9.9867, 16.8884



73.9440, -4.9024, 32.4981



66.7020, -8.2341, -19.0327



58.7700, 11.9454, -51.5413

Sweetspot

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



75.7430, 9.9867, 16.8884



116.7820, 4.0515, 7.2072



66.4630, 14.5617, -3.9141



58.7170, 2.6045, 4.6332



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.7430, 9.9867, 16.8884



92.7040, 15.9219, 26.5696



74.2180, 2.8505, 19.1028



45.6520, 1.1576, 2.0592



45.3590, 32.8540, 55.8132



97.0270, 70.4857, 119.2483

Inverse Universe

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



72.2800, -4.5750, 20.8024



87.3740, -7.0864, 32.9980



83.7820, -2.8505, -19.1028



45.1960, -0.5896, 2.4591



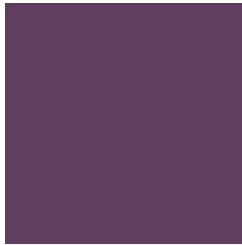
33.8300, -15.1992, 68.5551



72.5580, -32.3201, 146.8466

Previews

White Background



This preview shows how the YUV color 75.7430, 9.9867, 16.8884 looks on a white background.

Color Contrast Check

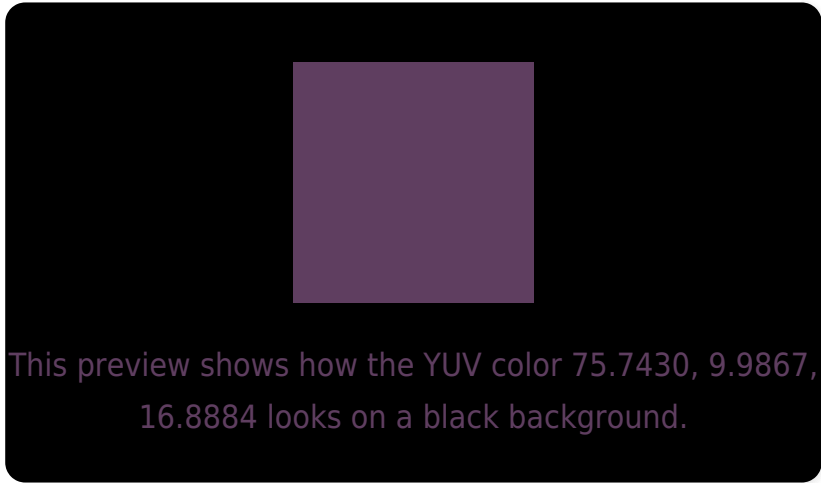
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 75.7430, 9.9867, 16.8884

Background



This preview shows how black text looks on a background with the YUV color 75.7430, 9.9867, 16.8884.



This preview shows how white text looks on a background with the YUV color 75.7430, 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

75.7430, 9.9867, 16.8884

Protanopia

73.8430, 14.8674, -8.6323

Deuteranopia

73.9100, 9.9044, -3.4291



Tritanopia

75.0450, -1.5012, 14.8695

Trichromacy



Original Color

75.7430, 9.9867, 16.8884

Protanomaly

74.4420, 13.0931, 0.4894

Deuteranomaly

74.3670, 10.1721, 4.0631

Tritanomaly

75.1960, 2.8614, 15.6141

Monochromacy



Original Color

75.7430, 9.9867, 16.8884

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7430, 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(95, 62, 96)` looks like.

```
.text, #text, p{  
    color:rgb(95, 62, 96)  
}
```

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(95, 62, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 62, 96) }
```

Border

The CSS property to change the border of an element to YUV 75.7430, 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(95, 62, 96) }
```


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

```
.border{ border-color:rgb(95, 62, 96) }
```

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

Here you see how a box with a 4 pixel rgb(95, 62, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 62, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 62, 96);  
box-shadow:4px 4px 4px 4px rgb(95, 62, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.7430, 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(95, 62, 96) }
```

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

```
.background{ background-color: rgb(95, 62,  
96) }
```

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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