

Converting Colors

YUV(91.7610, 9.4848, 37.9206)

Have a look what the booklet for
YUV(91.7610, 9.4848, 37.9206)
contains.

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Color

**YUV(91.7610, 9.4848,
37.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	87426F
RGB	135, 66, 111
RGB Percent	53%, 26%, 44%
CMY	0.4706, 0.7412, 0.5647
CMYK	0.00, 0.51, 0.18, 0.47
HSL	321°, 34%, 39%
HSV	321°, 51%, 53%
XYZ	14.8091, 10.1950, 16.2262
YIQ	91.7610, 26.6790, 28.6230

Conversions

Conversions Part 2

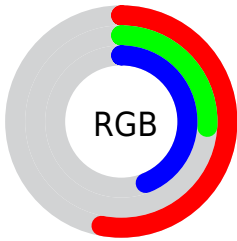
Format	Color
R_{YB}	135, 66, 111
Decimal	8864367
CIE _{Lab}	38.19, 35.47, -12.60
CIE _{LCh}	38, 37.645, 340.439
Yxy	10.1950, 0.3592, 0.2473
Android (android.graphics.Color)	4287054447 (0xFF87426F)
YUV	91.7610, 9.4848, 37.9206
Hunter-Lab	31.9296, 26.9123, -7.7797

Details

The YUV color **91.7610, 9.4848, 37.9206** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.2390, -9.4848, -37.9206**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4840, 9.6214, 40.7945**, and **41.3910, 10.6532, 36.4911** is the 20% darker color. If you saturate the color by 10%, you get **83.5600, 11.0629, 45.1129**, and if you desaturate by 10%, it is **100.5490, 7.6173, 30.2135**.

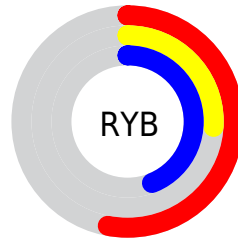
Distribution



Red (53%)

Green (26%)

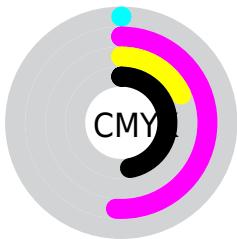
Blue (44%)



Red (53%)

Yellow (26%)

Blue (44%)

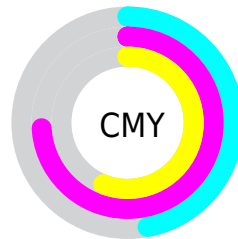


Cyan (0%)

Magenta (51%)

Yellow (18%)

Black (47%)



Cyan (47%)

Magenta (74%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7610, 9.4848, 37.9206 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 91.7610, 9.4848, 37.9206 by changing the saturation by 10% instead.

91.7610, 9.4848,
37.9206

91.7610, 9.4848,
37.9206

255.0000, 0.0000,
0.0000

67.1630, 9.7796,
36.6910

143.4840, 9.6214,
40.7945

41.3910, 10.6532,
36.4911

170.7830, 9.4740,
41.4093

22.0160, 9.3591,
31.5580

198.4950, 9.6160,
42.5389

13.4570, 3.7187,
20.6472

219.9280, 12.8535,
30.7581

0.0000, 0.0000,
0.0000

237.9770, 8.3923,
14.9292

91.7610, 9.4848,
37.9206

91.7610, 9.4848,
37.9206

83.5600, 11.0629,
45.1129

100.5490, 7.6173,
30.2135

74.8860, 13.3672,
52.7200

108.6360, 5.6025,
23.1212

66.6850, 14.9453,
59.9123

117.4240, 3.7350,
15.4142

57.8970, 16.8128,
67.6193

125.6250, 2.1569,
8.2219

50.3970, 18.5383,
74.1968

134.2990, -0.1474,
0.6148

142.5000, -1.7255,
-6.5775

151.2880, -3.5930,
-14.2846

159.4890, -5.1711,

-21.4769

■ 167.5760, -7.1860,
-28.5692

Harmonies

Analogous

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



92.5110, 21.9331, 11.8299



91.7610, 9.4848, 37.9206



89.1680, -4.5198, 49.8417

Triad

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



91.7610, 9.4848, 37.9206



85.8570, -30.0025, 9.7724



75.7540, 26.2503, -66.4363

Complementary

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



91.7610, 9.4848, 37.9206



109.2390, -9.4848, -37.9206

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.



73.0350, 13.2937, -64.0517



91.7610, 9.4848, 37.9206



81.6240, -20.0276, -16.3332

Square

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



91.7610, 9.4848, 37.9206



87.8580, -28.0310, 30.8195



68.2130, -0.1050, -59.8228



74.8710, 35.5596, -65.6619

Rectangle

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



91.7610, 9.4848, 37.9206



88.7520, -13.6817, 48.4525



68.2130, -0.1050, -59.8228



74.7280, 22.3191, -65.5365

Sweetspot

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



91.7610, 9.4848, 37.9206



159.7120, 3.5930, 14.2846



80.7430, 26.7487, 7.2414



79.0380, 2.4463, 8.7367



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



91.7610, 9.4848, 37.9206



108.9730, 14.8033, 58.7827



87.9990, -4.9295, 41.2199



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Inverse Universe

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



91.7610, 9.4848, 37.9206



108.9730, 14.8033, 58.7827



113.0010, 4.9295, -41.2199



62.2500, 0.8628, 3.2888



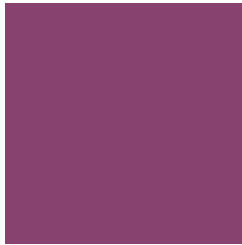
48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 91.7610, 9.4848, 37.9206 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 91.7610, 9.4848, 37.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

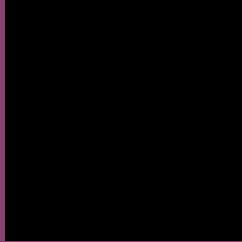
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7610, 9.4848, 37.9206

Background



This preview shows how black text looks on a background with the YUV color 91.7610, 9.4848, 37.9206.



This preview shows how white text looks on a background with the YUV color 91.7610, 9.4848,

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

91.7610, 9.4848, 37.9206

Protanopia

90.1570, 18.6566, -10.6617

Deuteranopia

91.0630, 7.8569, -0.0553



Tritanopia

91.2110, -6.5130, 35.7720

Trichromacy



Original Color

91.7610, 9.4848, 37.9206

Protanomaly

91.0560, 15.2554, 6.9669

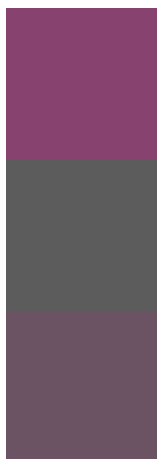
Deuteranomaly

91.2650, 8.2504, 13.7996

Tritanomaly

91.1170, -0.5507, 36.7314

Monochromacy



Original Color

91.7610, 9.4848, 37.9206

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2990, 3.3036, 13.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7610, 9.4848, 37.9206 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(135, 66, 111)` looks like.

```
.text, #text, p{  
    color:rgb(135, 66, 111)  
}
```

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(135, 66, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 66, 111) }
```

Border

The CSS property to change the border of an element to YUV 91.7610, 9.4848, 37.9206 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(135, 66, 111) }
```


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

```
.border{ border-color:rgb(135, 66, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 66, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 66, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 66, 111);  
box-shadow:4px 4px 4px 4px rgb(135, 66,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 91.7610, 9.4848, 37.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 66, 111) }
```

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

```
.background{ background-color: rgb(135, 66,  
111) }
```

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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