

Converting Colors

YUV(93.7440, 11.9582, 37.9355)

Have a look what the booklet for
YUV(93.7440, 11.9582, 37.9355)
contains.

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Color

**YUV(93.7440, 11.9582,
37.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	894376
RGB	137, 67, 118
RGB Percent	54%, 26%, 46%
CMY	0.4627, 0.7373, 0.5373
CMYK	0.00, 0.51, 0.14, 0.46
HSL	316°, 34%, 40%
HSV	316°, 51%, 54%
XYZ	15.5937, 10.6407, 18.3715
YIQ	93.7440, 25.3490, 30.7010

Conversions

Conversions Part 2

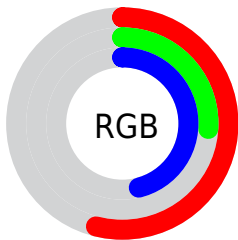
Format	Color
R_{YB}	137, 67, 118
Decimal	8995702
CIE _{Lab}	38.97, 36.79, -15.74
CIE _{LCh}	39, 40.014, 336.832
Yxy	10.6407, 0.3496, 0.2385
Android (android.graphics.Color)	4287185782 (0xFF894376)
YUV	93.7440, 11.9582, 37.9355
Hunter-Lab	32.6201, 28.2451, -10.5579

Details

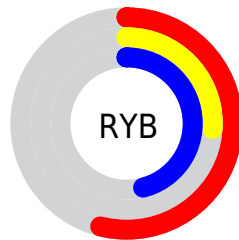
The YUV color **93.7440, 11.9582, 37.9355** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.2560, -11.9582, -37.9355**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0540, 11.8054, 40.2946**, and **42.7870, 13.4160, 37.0208** is the 20% darker color. If you saturate the color by 10%, you get **85.0700, 14.2625, 45.5426**, and if you desaturate by 10%, it is **102.4180, 9.6539, 30.3284**.

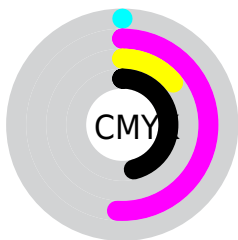
Distribution



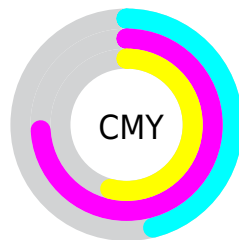
- Red (54%)
- Green (26%)
- Blue (46%)



- Red (54%)
- Yellow (26%)
- Blue (46%)



- Cyan (0%)
- Magenta (51%)
- Yellow (14%)
- Black (46%)





- Cyan (46%)
- Magenta (74%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.7440, 11.9582, 37.9355 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 93.7440, 11.9582, 37.9355 by changing the saturation by 10% instead.


 93.7440, 11.9582,
37.9355


 93.7440, 11.9582,
37.9355


255.0000, 0.0000,
0.0000


 68.4450, 12.1056,
37.3207

 146.0540, 11.8054,
40.2946


 42.7870, 13.4160,
37.0208

 172.8800, 12.3842,
41.3242

 23.2980, 11.6851,
32.1877

 200.8910, 12.3787,
43.0686

 14.7390, 6.0447,
21.2769

 222.0140, 15.7691,
28.9287

 0.0000, 0.0000,
0.0000

 238.5640, 8.1029,
14.4144

93.7440, 11.9582,
37.9355

93.7440, 11.9582,
37.9355

85.0700, 14.2625,
45.5426

102.4180, 9.6539,
30.3284

77.0970, 16.7142,
52.5349

110.3910, 7.2022,
23.3361

68.4230, 19.0185,
60.1420

119.0650, 4.8980,
15.7290

59.7490, 21.3227,
67.7491

127.7390, 2.5937,
8.1219

52.3630, 23.4850,
74.2266

136.4130, 0.2894,
0.5148

144.3860, -2.1623,
-6.4775

153.0600, -4.4666,
-14.0846

161.7340, -6.7709,

-21.6917

■ 169.7070, -9.2226,
-28.6840

Harmonies

Analogous

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



94.1730, 24.5647, 7.7413



93.7440, 11.9582, 37.9355



91.3470, -2.6361, 52.3157

Triad

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



93.7440, 11.9582, 37.9355



87.4830, -32.7761, 12.7314



77.6290, 25.8189, -68.0806

Complementary

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



93.7440, 11.9582, 37.9355



110.2560, -11.9582, -37.9355

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.



74.5680, 11.5520, -65.3961



93.7440, 11.9582, 37.9355



83.7230, -23.5274, -13.7891

Square

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



93.7440, 11.9582, 37.9355



89.5380, -29.3522, 34.6082



70.2300, -2.5784, -59.8377



77.0880, 36.4386, -67.6062

Rectangle

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



93.7440, 11.9582, 37.9355



90.3010, -12.9664, 52.3560



70.2300, -2.5784, -59.8377



76.4890, 21.4509, -67.0809

Sweetspot

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



93.7440, 11.9582, 37.9355



162.2390, 4.3192, 14.6994



80.6610, 27.7751, 4.6823



79.1520, 2.8831, 8.6367



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.



93.7440, 11.9582, 37.9355



111.5970, 18.4397, 59.1124



89.7540, -3.3297, 41.4347



64.6630, 1.1521, 3.8035



50.8250, 22.7643, 72.0675



1.9510, 1.0102, 2.6740

Inverse Universe

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



93.7440, 11.9582, 37.9355



111.5970, 18.4397, 59.1124



114.2460, 3.3297, -41.4347



64.6630, 1.1521, 3.8035



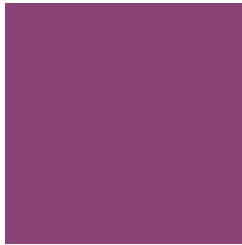
50.8250, 22.7643, 72.0675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 93.7440, 11.9582, 37.9355 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 93.7440, 11.9582, 37.9355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

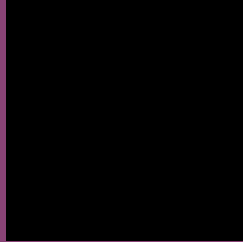
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7440, 11.9582, 37.9355

Background



This preview shows how black text looks on a background with the YUV color 93.7440, 11.9582, 37.9355.



This preview shows how white text looks on a background with the YUV color 93.7440, 11.9582,

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

93.7440, 11.9582, 37.9355

Protanopia

91.9440, 21.7196, -13.1059

Deuteranopia

92.7360, 10.4832, -2.3995



Tritanopia

93.0260, -5.9288, 35.0572

Trichromacy



Original Color

93.7440, 11.9582, 37.9355

Protanomaly

92.4410, 18.0236, 5.7522

Deuteranomaly

93.2370, 10.7292, 12.0702

Tritanomaly

93.0460, 0.4703, 35.9167

Monochromacy



Original Color

93.7440, 11.9582, 37.9355

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9400, 4.4666, 14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7440, 11.9582, 37.9355 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(137, 67, 118)` looks like.

```
.text, #text, p{  
    color:rgb(137, 67, 118)  
}
```

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(137, 67, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 67, 118) }
```

Border

The CSS property to change the border of an element to YUV 93.7440, 11.9582, 37.9355 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(137, 67, 118) }
```


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

```
.border{ border-color:rgb(137, 67, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 67, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 67, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 67, 118);  
box-shadow:4px 4px 4px 4px rgb(137, 67,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 93.7440, 11.9582, 37.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 67, 118) }
```

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

```
.background{ background-color: rgb(137, 67,  
118) }
```

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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