

Converting Colors

YUV(94.6730, -7.2338, 33.6128)

Have a look what the booklet for
YUV(94.6730, -7.2338, 33.6128)
contains.

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Color

**YUV(94.6730, -7.2338,
33.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	854E50
RGB	133, 78, 80
RGB Percent	52%, 31%, 31%
CMY	0.4784, 0.6941, 0.6863
CMYK	0.00, 0.41, 0.40, 0.48
HSL	358°, 26%, 41%
HSV	358°, 41%, 52%
XYZ	13.8452, 11.0145, 8.9857
YIQ	94.6730, 32.1380, 12.2820

Conversions

Conversions Part 2

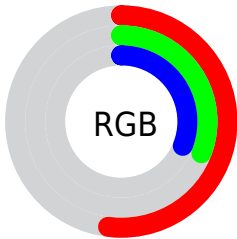
Format	Color
R_{YB}	133, 78, 80
Decimal	8736336
CIE _{Lab}	39.60, 23.41, 8.80
CIE _{LCh}	40, 25.003, 20.596
Yxy	11.0145, 0.4091, 0.3254
Android (android.graphics.Color)	4286926416 (0xFF854E50)
YUV	94.6730, -7.2338, 33.6128
Hunter-Lab	33.1881, 16.3864, 7.1789

Details

The YUV color **94.6730, -7.2338, 33.6128** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.3270, 7.2338, -33.6128**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0540, -8.4076, 36.7866**, and **47.1070, -5.4758, 29.7242** is the 20% darker color. If you saturate the color by 10%, you get **85.5600, -9.1501, 41.6049**, and if you desaturate by 10%, it is **103.7860, -5.3175, 25.6207**.

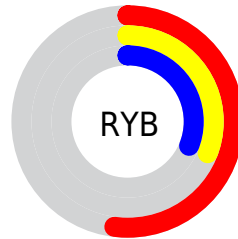
Distribution



Red (52%)

Green (31%)

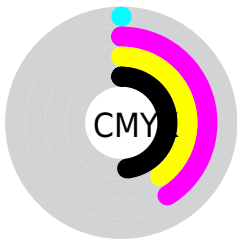
Blue (31%)



Red (52%)

Yellow (31%)

Blue (31%)

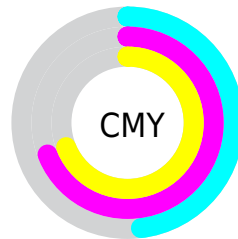


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (48%)



Cyan (48%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6730, -7.2338, 33.6128 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 94.6730, -7.2338, 33.6128 by changing the saturation by 10% instead.

■ 94.6730, -7.2338,
33.6128

■ 94.6730, -7.2338,
33.6128

255.0000, 0.0000,
0.0000

■ 70.1890, -6.5022,
32.2832

■ 146.0540, -8.4076,
36.7866

■ 47.1070, -5.4758,
29.7242

■ 172.6520, -8.7024,
38.0162

■ 23.6230, -4.7441,
28.3946

■ 200.2500, -8.9972,
39.2458

■ 10.5790, -4.7224,
21.4172

■ 222.7540, -6.7807,
28.2797

■ 0.0000, 0.0000,
0.0000

■ 242.4960, -2.2165,
10.9660

■ 94.6730, -7.2338,
33.6128

■ 94.6730, -7.2338,
33.6128

■ 85.5600, -9.1501,
41.6049

■ 103.7860, -5.3175,
25.6207

■ 75.8600, -10.7770,
50.1118

■ 113.4860, -3.6906,
17.1138

■ 66.8610, -12.2565,
58.0039

■ 122.4850, -2.2111,
9.2217

■ 57.7480, -14.1728,
65.9960

■ 131.5980, -0.2948,
1.2296

■ 48.0480, -15.7997,
74.5029

■ 141.2980, 1.3321,
-7.2773

■ 40.3370, -17.4211,
81.2655

■ 150.4110, 3.2484,
-15.2694

■ 159.5240, 5.1647,
-23.2615

■ 168.6370, 7.0810,

-31.2536

■ 178.2230, 8.2711,
-39.6606

Harmonies

Analogous

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



95.8710, 2.5286, 29.0541



94.6730, -7.2338, 33.6128



93.8760, -15.2219, 29.0497

Triad

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



94.6730, -7.2338, 33.6128



87.5560, -10.1341, -16.2736



87.6490, 22.3580, -31.2642

Complementary

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



94.6730, -7.2338, 33.6128



116.3270, 7.2338, -33.6128

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.



77.0000, 23.1710, -58.7590



94.6730, -7.2338, 33.6128



83.4100, 1.2769, -36.3166

Square

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



94.6730, -7.2338, 33.6128



90.0160, -17.7559, 1.7400



75.3390, 15.6089, -59.9333



93.4780, 18.4983, -6.5582

Rectangle

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



94.6730, -7.2338, 33.6128



92.6210, -18.5472, 22.2574



75.3390, 15.6089, -59.9333



84.7080, 22.8220, -40.0859

Sweetspot

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



94.6730, -7.2338, 33.6128



158.9800, -2.9481, 12.2955



99.8180, 16.3587, 26.4696



78.5880, -1.7689, 7.3773



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.6730, -7.2338, 33.6128



113.0560, -11.3666, 52.5709



109.1200, -15.3422, 20.9428



61.7940, -0.8844, 3.6887



39.4400, -16.9789, 79.4211



0.8970, -0.4422, 1.8443

Inverse Universe

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



94.6730, -7.2338, 33.6128



113.0560, -11.3666, 52.5709



101.8800, 15.3422, -20.9428



61.7940, -0.8844, 3.6887



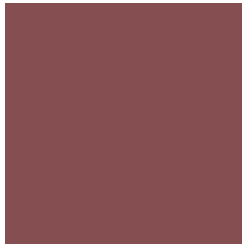
39.4400, -16.9789, 79.4211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 94.6730, -7.2338, 33.6128 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 94.6730, -7.2338, 33.6128 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 94.6730, -7.2338, 33.6128

Background



This preview shows how black text looks on a background with the YUV color 94.6730, -7.2338, 33.6128.



This preview shows how white text looks on a background with the YUV color 94.6730, -7.2338,

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

94.6730, -7.2338, 33.6128

Protanopia

93.6260, -2.7736, 2.9590

Deuteranopia

94.0140, -7.8949, 12.2657



Tritanopia

94.4280, -5.6340, 33.8276

Trichromacy



Original Color

94.6730, -7.2338, 33.6128

Protanomaly

94.2360, -4.5533, 13.8250

Deuteranomaly

94.4710, -7.6272, 19.7579

Tritanomaly

94.3140, -6.0708, 33.9276

Monochromacy



Original Color

94.6730, -7.2338, 33.6128

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0940, -2.5113, 12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6730, -7.2338, 33.6128 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(133, 78, 80)` looks like.

```
.text, #text, p{  
    color:rgb(133, 78, 80)  
}
```

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(133, 78, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 78, 80) }
```

Border

The CSS property to change the border of an element to YUV 94.6730, -7.2338, 33.6128 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(133, 78, 80) }
```


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

```
.border{ border-color:rgb(133, 78, 80) }
```

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

Here you see how a box with a 4 pixel rgb(133, 78, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 78, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 78, 80);  
box-shadow:4px 4px 4px 4px rgb(133, 78,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 94.6730, -7.2338, 33.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 78, 80) }
```

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

```
.background{ background-color: rgb(133, 78,  
80) }
```

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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