

Converting Colors

YUV(94.7120, -29.9310,
33.5786)

Have a look what the booklet for
YUV(94.7120, -29.9310, 33.5786)
contains.

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Color

**YUV(94.7120, -29.9310,
33.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	855722
RGB	133, 87, 34
RGB Percent	52%, 34%, 13%
CMY	0.4784, 0.6588, 0.8667
CMYK	0.00, 0.35, 0.74, 0.48
HSL	32°, 59%, 33%
HSV	32°, 74%, 52%
XYZ	13.3698, 11.9184, 3.1092
YIQ	94.7120, 44.4290, -6.7310

Conversions

Conversions Part 2

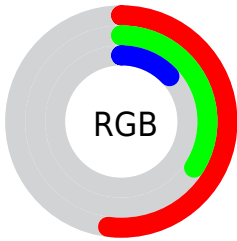
Format	Color
RYB	120, 133, 34
Decimal	8738594
CIELab	41.09, 13.97, 37.29
CIELCh	41, 39.826, 69.459
Yxy	11.9184, 0.4708, 0.4197
Android (android.graphics.Color)	4286928674 (0xFF855722)
YUV	94.7120, -29.9310, 33.5786
Hunter-Lab	34.5231, 8.7125, 18.8264

Details

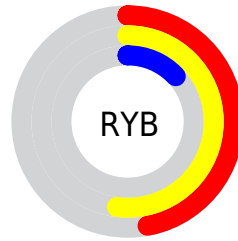
The YUV color **94.7120, -29.9310, 33.5786** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **72.2880, 29.9310, -33.5786**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5770, -31.8365, 38.0820**, and **47.6880, -23.5102, 27.4606** is the 20% darker color. If you saturate the color by 10%, you get **89.7080, -33.8730, 37.9671**, and if you desaturate by 10%, it is **99.7160, -25.9890, 29.1901**.

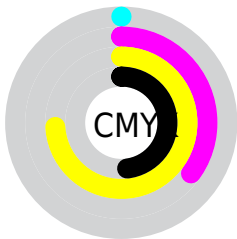
Distribution



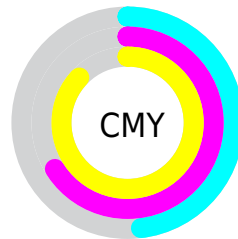
- Red (52%)
- Green (34%)
- Blue (13%)



- Red (47%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (35%)
- Yellow (74%)
- Black (48%)



- Cyan (48%)
- Magenta (66%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7120, -29.9310, 33.5786 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 94.7120, -29.9310, 33.5786 by changing the saturation by 10% instead.

■ 94.7120, -29.9310,
33.5786

■ 94.7120, -29.9310,
33.5786

255.0000, 0.0000,
0.0000

■ 70.2880, -30.2150,
31.3194

■ 146.5770,
-31.8365, 38.0820

■ 47.6880, -23.5102,
27.4606

■ 173.2460,
-33.1523, 40.1263

■ 28.1740, -13.8898,
21.7724

■ 200.7300,
-33.8839, 41.4558

■ 8.9700, -4.4222,
18.4433

■ 222.3370,
-31.2251, 28.6455

■ 0.0000, 0.0000,
0.0000

■ 242.4380,
-27.8239, 11.0169

■ 250.3260,

-17.9087, 4.0991

253.5180, -5.6784,
1.2997

94.7120, -29.9310,
33.5786

94.7120, -29.9310,
33.5786

89.7080, -33.8730,
37.9671

99.7160, -25.9890,
29.1901

84.5900, -38.2519,
42.4556

104.8340,
-21.6102, 24.7016

81.4440, -40.1519,
45.2146

110.4250,
-17.9575, 19.7983

115.4290,
-14.0155, 15.4098

120.5470, -9.6367,
10.9213

■ 125.5510, -5.6946,
6.5328

■ 130.5550, -1.7526,
2.1443

■ 135.5590, 2.1894,
-2.2442

■ 141.2640, 6.2788,
-7.2475

Harmonies

Analogous

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



95.9710, -19.2127, 49.1374



94.7120, -29.9310, 33.5786



92.5860, -32.3339, 10.8871

Triad

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



94.7120, -29.9310, 33.5786



78.5290, 14.0362, -68.8699



99.6680, 23.8277, 10.8152

Complementary

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



94.7120, -29.9310, 33.5786



72.2880, 29.9310, -33.5786

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.



91.4390, 34.2936, -32.8340



94.7120, -29.9310, 33.5786



81.4760, 27.8663, -71.4545

Square

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



94.7120, -29.9310, 33.5786



73.4790, -0.2361, -64.4411



80.8210, 38.0492, -70.8800



99.4130, 10.6424, 39.9798

Rectangle

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



94.7120, -29.9310, 33.5786



89.9690, -26.6067, -6.1118



80.8210, 38.0492, -70.8800



98.8020, 27.2126, -1.5804

Sweetspot

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



94.7120, -29.9310, 33.5786



158.6890, -11.6787, 12.5507



68.8450, 5.4994, 56.2639



77.9210, -6.8631, 7.9623



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.



94.7120, -29.9310, 33.5786



113.7670, -46.7201, 51.9473



120.8170, -42.8008, 8.0535



63.5550, -1.7526, 2.1443



79.9600, -39.4203, 43.8851



1.4840, -0.7316, 1.3295

Inverse Universe

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



72.2880, 29.9310, -33.5786



78.8200, 46.4307, -52.4621



46.1830, 42.8008, -8.0535



62.4450, 1.7526, -2.1443



50.0400, 39.4203, -43.8851



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 94.7120, -29.9310, 33.5786 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 94.7120, -29.9310, 33.5786 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 94.7120, -29.9310, 33.5786

Background



This preview shows how black text looks on a background with the YUV color 94.7120, -29.9310, 33.5786.



This preview shows how white text looks on a background with the YUV color 94.7120, -29.9310,

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

94.7120, -29.9310, 33.5786

Protanopia

93.7480, -27.9768, 13.3760

Deuteranopia

94.1300, -30.6301, 24.4420



Tritanopia

98.8300, -5.3392, 32.5981

Trichromacy



Original Color

94.7120, -29.9310, 33.5786

Protanomaly

93.9770, -28.5827, 21.0682

Deuteranomaly

94.2660, -30.2041, 27.8307

Tritanomaly

97.4250, -14.5065, 32.9533

Monochromacy



Original Color

94.7120, -29.9310, 33.5786

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9170, -10.8051, 12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7120, -29.9310, 33.5786 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, 87, 34)` looks like.

```
.text, #text, p{  
    color:rgb(133, 87, 34)  
}
```

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, 87, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 87, 34) }
```

Border

The CSS property to change the border of an element to YUV 94.7120, -29.9310, 33.5786 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, 87, 34) }
```


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

```
.border{ border-color:rgb(133, 87, 34) }
```

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

Here you see how a box with a 4 pixel rgb(133, 87, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 87, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 87, 34);  
box-shadow:4px 4px 4px 4px rgb(133, 87,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 94.7120, -29.9310, 33.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 87, 34) }
```

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

```
.background{ background-color: rgb(133, 87,  
34) }
```

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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