

Converting Colors

YUV(94.3820, -15.9643,
33.8680)

Have a look what the booklet for
YUV(94.3820, -15.9643, 33.8680)
contains.

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Color

**YUV(94.3820, -15.9643,
33.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	85513E
RGB	133, 81, 62
RGB Percent	52%, 32%, 24%
CMY	0.4784, 0.6824, 0.7569
CMYK	0.00, 0.39, 0.53, 0.48
HSL	16°, 36%, 38%
HSV	16°, 53%, 52%
XYZ	13.4848, 11.2192, 6.0122
YIQ	94.3820, 37.0910, 5.1150

Conversions

Conversions Part 2

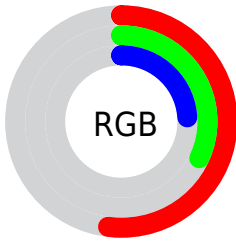
Format	Color
R_{YB}	133, 88, 62
Decimal	8737086
CIE Lab	39.95, 19.63, 20.30
CIE LCh	40, 28.238, 45.968
Yxy	11.2192, 0.4390, 0.3653
Android (android.graphics.Color)	4286927166 (0xFF85513E)
YUV	94.3820, -15.9643, 33.8680
Hunter-Lab	33.4951, 13.2460, 12.8043

Details

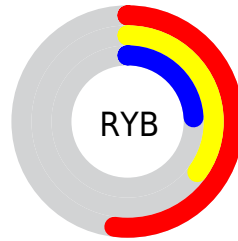
The YUV color **94.3820, -15.9643, 33.8680** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100.6180, 15.9643, -33.8680**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9480, -17.7224, 37.7566**, and **46.6310, -13.6221, 29.2646** is the 20% darker color. If you saturate the color by 10%, you get **87.0300, -18.7488, 40.3157**, and if you desaturate by 10%, it is **101.7340, -13.1799, 27.4203**.

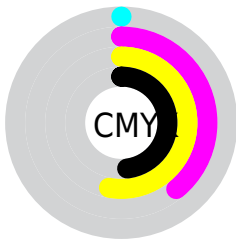
Distribution



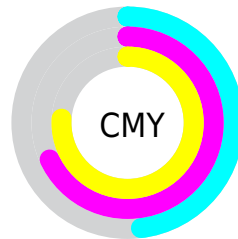
- Red (52%)
- Green (32%)
- Blue (24%)



- Red (52%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (48%)



- Cyan (48%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.3820, -15.9643, 33.8680 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 94.3820, -15.9643, 33.8680 by changing the saturation by 10% instead.

■ 94.3820, -15.9643,
33.8680

■ 94.3820, -15.9643,
33.8680

255.0000, 0.0000,
0.0000

■ 70.3000, -14.9379,
31.3089

■ 145.9480,
-17.7224, 37.7566

■ 46.6310, -13.6221,
29.2646

■ 172.4320,
-18.4540, 39.0861

■ 24.6630, -12.1589,
26.6055

■ 199.9160,
-19.1856, 40.4157

■ 9.9810, -4.4276,
20.1877

■ 222.2350,
-16.3849, 28.7349

■ 0.0000, 0.0000,
0.0000

■ 241.7490,
-12.6943, 11.6211

■ 253.8600, -4.3680,

0.9998

■ 94.3820, -15.9643,
33.8680

■ 94.3820, -15.9643,
33.8680

■ 87.0300, -18.7488,
40.3157

■ 101.7340,
-13.1799, 27.4203

■ 80.1510, -22.2594,
46.3486

■ 108.6130, -9.6692,
21.3874

■ 72.7990, -25.0439,
52.7963

■ 115.9650, -6.8847,
14.9397

■ 65.4470, -27.8284,
59.2440

■ 123.3170, -4.1003,
8.4920

■ 60.8990, -30.0232,
63.2326

■ 130.7830, -0.8790,
1.9443

■ 137.5480, 2.1948,
-3.9886

■ 144.9000, 4.9793,
-10.4363

■ 152.2520, 7.7638,
-16.8840

■ 159.7180, 10.9850,
-23.4317

Harmonies

Analogous

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



95.3360, -6.0816, 37.4163



94.3820, -15.9643, 33.8680



93.1110, -21.7467, 21.8277

Triad

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



94.3820, -15.9643, 33.8680



82.3450, -0.1701, -38.8906



93.6560, 21.8616, -11.9763

Complementary

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



94.3820, -15.9643, 33.8680



100.6180, 15.9643, -33.8680

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.



84.2990, 26.4746, -44.9892



94.3820, -15.9643, 33.8680



74.3060, 15.6251, -65.1664

Square

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



94.3820, -15.9643, 33.8680



88.0570, -13.3391, -14.9590



75.5260, 25.3767, -66.2363



97.1600, 14.2181, 13.0147

Rectangle

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



94.3820, -15.9643, 33.8680



91.6320, -22.0036, 10.8467



75.5260, 25.3767, -66.2363



91.4590, 23.9307, -22.3275

Sweetspot

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



94.3820, -15.9643, 33.8680



158.1820, -6.0057, 12.9954



89.1570, 12.2476, 38.4503



78.0180, -3.9529, 7.8772



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.



94.3820, -15.9643, 33.8680



112.7990, -25.0439, 52.7963



114.9270, -26.0930, 15.8500



62.3810, -1.1738, 3.1739



59.4150, -29.2916, 61.9030



1.4840, -0.7316, 1.3295

Inverse Universe

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



100.6180, 15.9643, -33.8680



122.7880, 24.7545, -53.3111



80.0730, 26.0930, -15.8500



63.6190, 1.1738, -3.1739



70.5850, 29.2916, -61.9030



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 94.3820, -15.9643, 33.8680 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 94.3820, -15.9643, 33.8680 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 94.3820, -15.9643, 33.8680

Background



This preview shows how black text looks on a background with the YUV color 94.3820, -15.9643, 33.8680.



This preview shows how white text looks on a background with the YUV color 94.3820, -15.9643,

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

94.3820, -15.9643, 33.8680

Protanopia

93.4280, -12.5360, 7.5176

Deuteranopia

93.7560, -16.6417, 17.7540



Tritanopia

95.7270, -5.7814, 34.4424

Trichromacy



Original Color

94.3820, -15.9643, 33.8680

Protanomaly

93.5540, -13.5841, 17.0541

Deuteranomaly

94.2020, -16.3686, 23.5018

Tritanomaly

95.1030, -9.4178, 34.1127

Monochromacy



Original Color

94.3820, -15.9643, 33.8680

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8830, -5.8583, 12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3820, -15.9643, 33.8680 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, 81, 62)` looks like.

```
.text, #text, p{  
    color:rgb(133, 81, 62)  
}
```

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, 81, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 81, 62) }
```

Border

The CSS property to change the border of an element to YUV 94.3820, -15.9643, 33.8680 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, 81, 62) }
```


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

```
.border{ border-color:rgb(133, 81, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 81, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 81, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 81, 62);  
box-shadow:4px 4px 4px 4px rgb(133, 81,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 94.3820, -15.9643, 33.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 81, 62) }
```

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

```
.background{ background-color: rgb(133, 81,  
62) }
```

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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