

Converting Colors

YUV(96.3820, -15.9643,
33.8680)

Have a look what the booklet for
YUV(96.3820, -15.9643, 33.8680)
contains.

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Color

**YUV(96.3820, -15.9643,
33.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	875340
RGB	135, 83, 64
RGB Percent	53%, 33%, 25%
CMY	0.4706, 0.6745, 0.7490
CMYK	0.00, 0.39, 0.53, 0.47
HSL	16°, 36%, 39%
HSV	16°, 53%, 53%
XYZ	14.0103, 11.7076, 6.3719
YIQ	96.3820, 37.0910, 5.1150

Conversions

Conversions Part 2

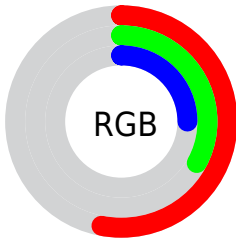
Format	Color
R_{YB}	135, 90, 64
Decimal	8868672
CIE _{Lab}	40.75, 19.52, 20.19
CIE _{LCh}	41, 28.086, 45.967
Yxy	11.7076, 0.4366, 0.3648
Android (android.graphics.Color)	4287058752 (0xFF875340)
YUV	96.3820, -15.9643, 33.8680
Hunter-Lab	34.2163, 13.2107, 12.9103

Details

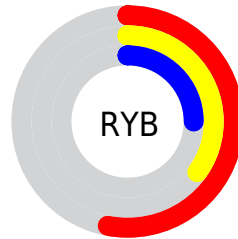
The YUV color **96.3820, -15.9643, 33.8680** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102.6180, 15.9643, -33.8680**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9480, -17.7224, 37.7566**, and **48.6310, -13.6221, 29.2646** is the 20% darker color. If you saturate the color by 10%, you get **89.0300, -18.7488, 40.3157**, and if you desaturate by 10%, it is **103.8480, -12.7431, 27.3203**.

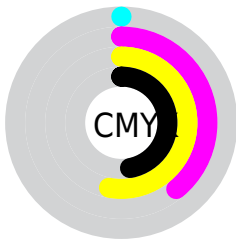
Distribution



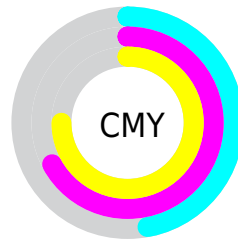
- Red (53%)
- Green (33%)
- Blue (25%)



- Red (53%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3820, -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 96.3820, -15.9643, 33.8680 by changing the saturation by 10% instead.

■ 96.3820, -15.9643,
33.8680

■ 96.3820, -15.9643,
33.8680

■ 255.0000, 0.0000,
0.0000

■ 72.3000, -14.9379,
31.3089

■ 147.9480,
-17.7224, 37.7566

■ 48.6310, -13.6221,
29.2646

■ 174.4320,
-18.4540, 39.0861

■ 25.8480, -12.7431,
27.3203

■ 202.3290,
-18.8962, 40.9305

■ 10.4650, -5.1592,
21.5172

■ 223.6370,
-16.0900, 27.5054

■ 0.0000, 0.0000,
0.0000

■ 243.8520,
-12.2520, 9.7768

■ 254.0880, -3.4944,

0.7998

■ 96.3820, -15.9643,
33.8680

■ 96.3820, -15.9643,
33.8680

■ 89.0300, -18.7488,
40.3157

■ 103.8480,
-12.7431, 27.3203

■ 81.5640, -21.9701,
46.8634

■ 111.2000, -9.9586,
20.8726

■ 74.2120, -24.7545,
53.3111

■ 118.6660, -6.7373,
14.3249

■ 66.7460, -27.9758,
59.8588

■ 126.0180, -3.9529,
7.8772

■ 61.4970, -30.3180,
64.4621

■ 132.8970, -0.4422,
1.8443

■ 140.2490, 2.3422,
-4.6034

■ 147.7150, 5.5635,
-11.1511

■ 155.0670, 8.3480,
-17.5988

■ 162.5330, 11.5692,
-24.1464

Harmonies

Analogous

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



97.3360, -6.0816, 37.4163



96.3820, -15.9643, 33.8680



95.1110, -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.



96.3820, -15.9643, 33.8680



84.6440, -0.3175, -38.2758



95.6560, 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.



96.3820, -15.9643, 33.8680



102.6180, 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.



86.8970, 26.1798, -43.7597



96.3820, -15.9643, 33.8680



75.7080, 15.9200, -66.3959

Square

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



96.3820, -15.9643, 33.8680



90.0570, -13.3391, -14.9590



76.8140, 25.2347, -67.3659



99.1600, 14.2181, 13.0147

Rectangle

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



96.3820, -15.9643, 33.8680



93.6320, -22.0036, 10.8467



76.8140, 25.2347, -67.3659



93.7580, 23.7833, -21.7128

Sweetspot

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



96.3820, -15.9643, 33.8680



160.4810, -6.1531, 13.6102



91.1570, 12.2476, 38.4503



80.0180, -3.9529, 7.8772



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.



96.3820, -15.9643, 33.8680



115.7990, -25.0439, 52.7963



116.9270, -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.



102.6180, 15.9643, -33.8680



125.2010, 25.0439, -52.7963



82.0730, 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 96.3820, -15.9643, 33.8680 looks on a white background.

Color Contrast Check

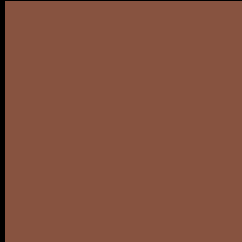
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.3820, -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 96.3820, -15.9643, 33.8680

Background



This preview shows how black text looks on a background with the YUV color 96.3820, -15.9643, 33.8680.



This preview shows how white text looks on a background with the YUV color 96.3820, -15.9643,

33.8680.

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

96.3820, -15.9643, 33.8680

Protanopia

95.4280, -12.5360, 7.5176

Deuteranopia

95.7560, -16.6417, 17.7540



Tritanopia

97.7270, -5.7814, 34.4424

Trichromacy



Original Color

96.3820, -15.9643, 33.8680

Protanomaly

95.5540, -13.5841, 17.0541

Deuteranomaly

96.2020, -16.3686, 23.5018

Tritanomaly

97.1030, -9.4178, 34.1127

Monochromacy



Original Color

96.3820, -15.9643, 33.8680

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8830, -5.8583, 12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3820, -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(135, 83, 64)` looks like.

```
.text, #text, p{  
    color:rgb(135, 83, 64)  
}
```

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, 83, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 83, 64) }
```

Border

The CSS property to change the border of an element to YUV 96.3820, -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(135, 83, 64) }
```


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

```
.border{ border-color:rgb(135, 83, 64) }
```

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

Here you see how a box with a 4 pixel rgb(135, 83, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 83, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 83, 64);  
box-shadow:4px 4px 4px 4px rgb(135, 83,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 96.3820, -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(135, 83, 64) }
```

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

```
.background{ background-color: rgb(135, 83,  
64) }
```

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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