

Converting Colors

YUV(87.9300, -10.3185,
43.0344)

Have a look what the booklet for
YUV(87.9300, -10.3185, 43.0344)
contains.

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Color

**YUV(87.9300, -10.3185,
43.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	894343
RGB	137, 67, 67
RGB Percent	54%, 26%, 26%
CMY	0.4627, 0.7373, 0.7373
CMYK	0.00, 0.51, 0.51, 0.46
HSL	0°, 34%, 40%
HSV	0°, 51%, 54%
XYZ	13.3368, 9.7379, 6.4869
YIQ	87.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

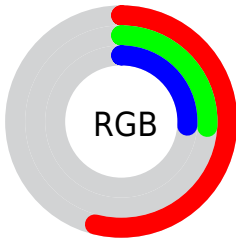
Format	Color
R_{YB}	137, 67, 67
Decimal	8995651
CIE Lab	37.37, 29.79, 13.90
CIE LCh	37, 32.871, 25.017
Yxy	9.7379, 0.4512, 0.3294
Android (android.graphics.Color)	4287185731 (0xFF894343)
YUV	87.9300, -10.3185, 43.0344
Hunter-Lab	31.2056, 21.6782, 9.5190

Details

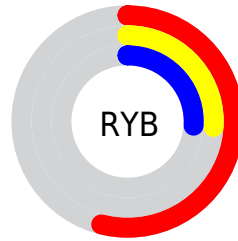
The YUV color **87.9300, -10.3185, 43.0344** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **116.0700, 10.3185, -43.0344**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4960, -12.0765, 46.9230**, and **38.7060, -7.2501, 38.8458** is the 20% darker color. If you saturate the color by 10%, you get **78.1160, -12.3822, 51.6413**, and if you desaturate by 10%, it is **97.7440, -8.2548, 34.4275**.

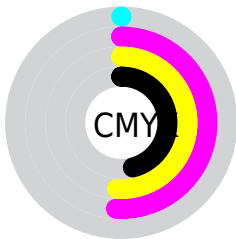
Distribution



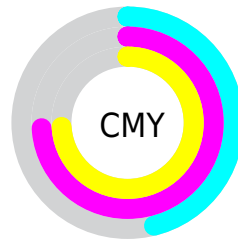
- Red (54%)
- Green (26%)
- Blue (26%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9300, -10.3185, 43.0344 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 87.9300, -10.3185, 43.0344 by changing the saturation by 10% instead.

87.9300, -10.3185,
43.0344

87.9300, -10.3185,
43.0344

255.0000, 0.0000,
0.0000

63.2610, -9.0027,
40.9901

139.4960,
-12.0765, 46.9230

38.7060, -7.2501,
38.8458

166.2790,
-12.9555, 48.8673

17.3420, -8.5496,
35.6571

194.1760,
-13.3978, 50.7116

9.6820, -4.2802,
19.5729

214.0000, -9.8600,
35.9570

0.0000, 0.0000,
0.0000

234.2150, -6.0220,
18.2284

254.4300, -2.1840,

0.4999

■ 87.9300, -10.3185,
43.0344

■ 87.9300, -10.3185,
43.0344

■ 78.1160, -12.3822,
51.6413

■ 97.7440, -8.2548,
34.4275

■ 69.0030, -14.2985,
59.6334

■ 106.8570, -6.3385,
26.4354

■ 59.1890, -16.3622,
68.2402

■ 116.6710, -4.2748,
17.8285

■ 49.3750, -18.4259,
76.8471

■ 126.4850, -2.2111,
9.2217

■ 40.9630, -20.1948,
84.2244

■ 136.2990, -0.1474,
0.6148

■ 145.4120, 1.7689,
-7.3773

■ 155.2260, 3.8326,
-15.9842

■ 165.0400, 5.8963,
-24.5911

■ 174.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



89.4100, 1.7699, 39.1054



87.9300, -10.3185, 43.0344



87.1280, -20.7691, 34.9677

Triad

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



87.9300, -10.3185, 43.0344



78.5610, -11.1226, -25.9250



76.3570, 31.8690, -48.5481

Complementary

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



87.9300, -10.3185, 43.0344



116.0700, 10.3185, -43.0344

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.



72.4600, 28.8602, -63.5474



87.9300, -10.3185, 43.0344



68.6350, 6.5889, -60.1929

Square

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



87.9300, -10.3185, 43.0344



83.1420, -22.2550, -1.8785



71.8270, 18.8193, -62.9923



88.7430, 23.2977, -5.9136

Rectangle

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



87.9300, -10.3185, 43.0344



86.6230, -24.9571, 24.8866



71.8270, 18.8193, -62.9923



71.6110, 33.2228, -62.8028

Sweetspot

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



87.9300, -10.3185, 43.0344



160.0730, -3.9800, 16.5990



95.9100, 20.2574, 36.0359



77.7840, -2.3585, 9.8364



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.



87.9300, -10.3185, 43.0344



102.5910, -16.0674, 67.0107



108.4750, -20.4472, 25.0164



64.0930, -1.0318, 4.3034



39.7670, -19.6051, 81.7653



1.4950, -0.7370, 3.0739

Inverse Universe

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



116.0700, 10.3185, -43.0344



146.4090, 16.0674, -67.0107



95.5250, 20.4472, -25.0164



66.9070, 1.0318, -4.3034



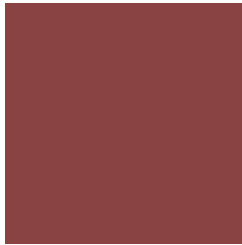
93.2330, 19.6051, -81.7653



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 87.9300, -10.3185, 43.0344 looks on a white background.

Color Contrast Check

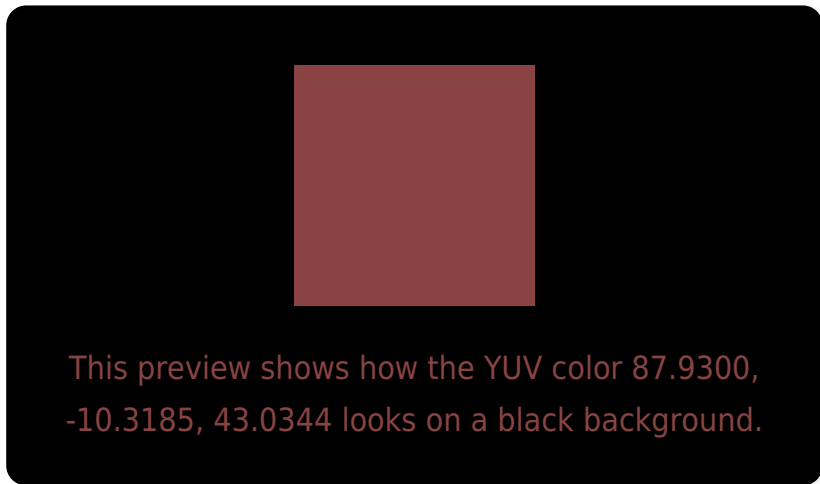
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 87.9300, -10.3185, 43.0344

Background



This preview shows how black text looks on a background with the YUV color 87.9300, -10.3185, 43.0344.

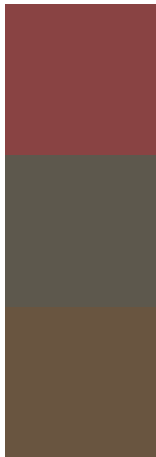


This preview shows how white text looks on a background with the YUV color 87.9300, -10.3185,

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

87.9300, -10.3185, 43.0344

Protanopia

88.2410, -5.5418, 4.1736

Deuteranopia

88.5860, -12.1209, 14.3951



Tritanopia

87.7990, -8.2819, 43.1493

Trichromacy



Original Color

87.9300, -10.3185, 43.0344

Protanomaly

87.8730, -7.3324, 18.5284

Deuteranomaly

88.1790, -11.4272, 25.2760

Tritanomaly

87.6850, -8.7187, 43.2493

Monochromacy



Original Color

87.9300, -10.3185, 43.0344

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7740, -3.8326, 15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9300, -10.3185, 43.0344 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, 67)` looks like.

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

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, 67) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 87.9300, -10.3185, 43.0344 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, 67) }
```


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

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

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, 67)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 87.9300, -10.3185, 43.0344 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, 67) }
```

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

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

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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