

Converting Colors

YUV(86.9980, -16.7610,
56.1298)

Have a look what the booklet for
YUV(86.9980, -16.7610, 56.1298)
contains.

YUV(86.9980, -16.7610, 56.1298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.9980, -16.7610,
56.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	973D35
RGB	151, 61, 53
RGB Percent	59%, 24%, 21%
CMY	0.4078, 0.7608, 0.7922
CMYK	0.00, 0.60, 0.65, 0.41
HSL	5°, 48%, 40%
HSV	5°, 65%, 59%
XYZ	15.0738, 10.1738, 4.5374
YIQ	86.9980, 56.2080, 16.5920

Conversions

Conversions Part 2

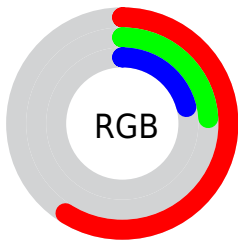
Format	Color
R_{YB}	151, 62, 53
Decimal	9911605
CIE _{Lab}	38.15, 37.23, 24.03
CIE _{LCh}	38, 44.308, 32.839
Yxy	10.1738, 0.5061, 0.3416
Android (android.graphics.Color)	4288101685 (0xFF973D35)
YUV	86.9980, -16.7610, 56.1298
Hunter-Lab	31.8965, 28.5380, 13.8932

Details

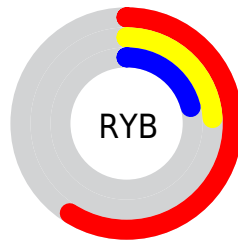
The YUV color **86.9980, -16.7610, 56.1298** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **117.0020, 16.7610, -56.1298**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9340, -19.6875, 61.4479**, and **32.6540, -11.6614, 53.8004** is the 20% darker color. If you saturate the color by 10%, you get **77.0700, -19.2615, 64.8366**, and if you desaturate by 10%, it is **96.9260, -14.2605, 47.4229**.

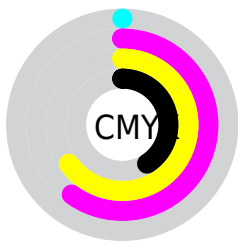
Distribution



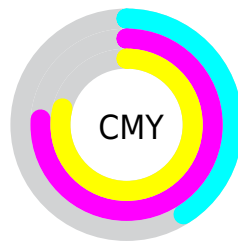
- Red (59%)
- Green (24%)
- Blue (21%)



- Red (59%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (65%)
- Black (41%)



- Cyan (41%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9980, -16.7610, 56.1298 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 86.9980, -16.7610, 56.1298 by changing the saturation by 10% instead.

■ 86.9980, -16.7610,
56.1298

■ 86.9980, -16.7610,
56.1298

■ 255.0000, 0.0000,
0.0000

■ 61.2580, -14.4242,
53.2707

■ 139.9340,
-19.6875, 61.4479

■ 32.6540, -11.6614,
53.8004

■ 167.0160,
-20.7139, 64.0070

■ 20.0330, -9.8763,
41.1901

■ 190.3140,
-19.3818, 56.7296

■ 12.6720, -5.7543,
25.7207

■ 209.7140,
-16.1280, 39.7158

■ 0.0000, 0.0000,
0.0000

■ 229.3420,
-12.0006, 22.5021

■ 249.5570, -8.1626,

4.7735

■ 86.9980, -16.7610,
56.1298

■ 86.9980, -16.7610,
56.1298

■ 77.0700, -19.2615,
64.8366

■ 96.9260, -14.2605,
47.4229

■ 67.1420, -21.7620,
73.5435

■ 106.8540,
-11.7600, 38.7160

■ 57.2140, -24.2625,
82.2503

■ 116.7820, -9.2595,
30.0092

■ 52.1930, -25.7311,
86.6537

■ 126.1230, -6.4696,
21.8171

■ 136.1650, -3.5323,
13.0103

■ 146.0930, -1.0318,
4.3034

■ 156.0210, 1.4686,
-4.4034

■ 165.9490, 3.9691,
-13.1103

■ 175.8770, 6.4696,
-21.8171

Harmonies

Analogous

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



87.4770, 0.2578, 57.4637



86.9980, -16.7610, 56.1298



87.0010, -31.5525, 40.3411

Triad

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



86.9980, -16.7610, 56.1298



67.3180, -6.0728, -59.0379



73.0590, 43.8479, -64.0727

Complementary

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



86.9980, -16.7610, 56.1298



117.0020, 16.7610, -56.1298

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.



77.3160, 37.3122, -67.8061



86.9980, -16.7610, 56.1298



73.2970, 9.2206, -64.2815

Square

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



86.9980, -16.7610, 56.1298



81.0670, -28.6270, -11.4598



76.8140, 25.2347, -67.3659



91.5790, 28.8016, 2.1232

Rectangle

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



86.9980, -16.7610, 56.1298



85.1920, -38.0557, 26.1416



76.8140, 25.2347, -67.3659



75.2930, 42.2536, -66.0320

Sweetspot

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



86.9980, -16.7610, 56.1298



171.8240, -6.3222, 21.2024



92.6760, 25.3027, 51.1501



84.1650, -3.5323, 13.0103



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



86.9980, -16.7610, 56.1298



96.3780, -26.3154, 87.3685



115.1740, -30.6518, 31.4194



71.3920, -1.1793, 4.9182



48.3170, -23.8203, 80.4060



4.4740, -2.2057, 7.4773

Inverse Universe

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



117.0020, 16.7610, -56.1298



143.2090, 26.0260, -87.8833



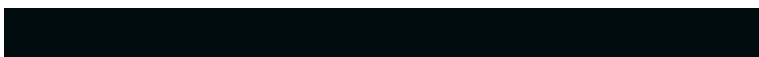
88.8260, 30.6518, -31.4194



74.0210, 1.4686, -4.4034



91.6830, 23.8203, -80.4060



8.5260, 2.2057, -7.4773

Previews

White Background



This preview shows how the YUV color 86.9980, -16.7610, 56.1298 looks on a white background.

Color Contrast Check

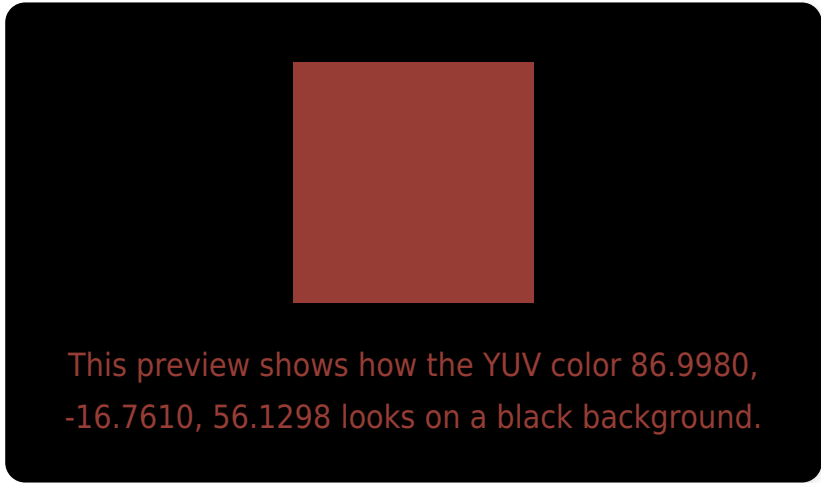
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 86.9980, -16.7610, 56.1298

Background



This preview shows how black text looks on a background with the YUV color 86.9980, -16.7610, 56.1298.



This preview shows how white text looks on a background with the YUV color 86.9980, -16.7610,

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

86.9980, -16.7610, 56.1298

Protanopia

90.0150, -12.8254, 7.0028

Deuteranopia

89.1430, -20.2835, 19.1686



Tritanopia

87.8500, -12.2511, 56.2595

Trichromacy



Original Color

86.9980, -16.7610, 56.1298

Protanomaly

88.7830, -14.1900, 24.7463

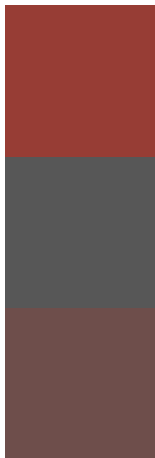
Deuteranomaly

88.5730, -19.0165, 32.8235

Tritanomaly

87.3940, -13.9982, 56.6595

Monochromacy



Original Color

86.9980, -16.7610, 56.1298

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2260, -6.0274, 19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9980, -16.7610, 56.1298 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(151, 61, 53)` looks like.

```
.text, #text, p{  
    color:rgb(151, 61, 53)  
}
```

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(151, 61, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 61, 53) }
```

Border

The CSS property to change the border of an element to YUV 86.9980, -16.7610, 56.1298 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(151, 61, 53) }
```


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

```
.border{ border-color:rgb(151, 61, 53) }
```

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

Here you see how a box with a 4 pixel rgb(151, 61, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 61, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 61, 53);  
box-shadow:4px 4px 4px 4px rgb(151, 61,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 86.9980, -16.7610, 56.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 61, 53) }
```

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

```
.background{ background-color: rgb(151, 61,  
53) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor