

Converting Colors

YUV(85.8430, -4.8526, 63.2817)

Have a look what the booklet for
YUV(85.8430, -4.8526, 63.2817)
contains.

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Color

**YUV(85.8430, -4.8526,
63.2817)**

Conversions

Conversions Part 1

Format	Color
Hex	9E334C
RGB	158, 51, 76
RGB Percent	62%, 20%, 30%
CMY	0.3804, 0.8000, 0.7020
CMYK	0.00, 0.68, 0.52, 0.38
HSL	346°, 51%, 41%
HSV	346°, 68%, 62%
XYZ	16.5889, 10.1586, 7.9239
YIQ	85.8430, 55.7470, 30.4590

Conversions

Conversions Part 2

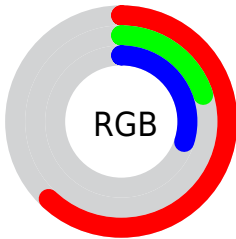
Format	Color
R_{YB}	158, 51, 76
Decimal	10367820
CIE Lab	38.13, 46.12, 9.82
CIE LCh	38, 47.157, 12.018
Yxy	10.1586, 0.4785, 0.2930
Android (android.graphics.Color)	4288557900 (0xFF9E334C)
YUV	85.8430, -4.8526, 63.2817
Hunter-Lab	31.8725, 37.1282, 7.5704

Details

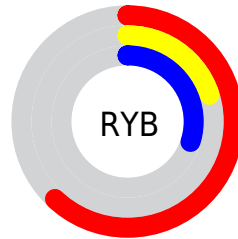
The YUV color **85.8430, -4.8526, 63.2817** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **123.1570, 4.8526, -63.2817**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1810, -7.4842, 67.3703**, and **33.8470, -0.9106, 58.8932** is the 20% darker color. If you saturate the color by 10%, you get **75.0830, -5.4639, 72.7182**, and if you desaturate by 10%, it is **96.6030, -4.2413, 53.8452**.

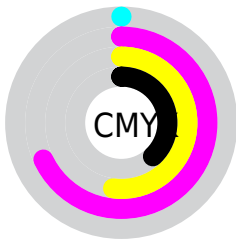
Distribution



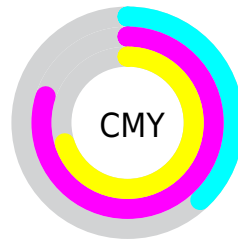
- Red (62%)
- Green (20%)
- Blue (30%)



- Red (62%)
- Yellow (20%)
- Blue (30%)



- Cyan (0%)
- Magenta (68%)
- Yellow (52%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8430, -4.8526, 63.2817 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 85.8430, -4.8526, 63.2817 by changing the saturation by 10% instead.


 85.8430, -4.8526,
63.2817

 85.8430, -4.8526,
63.2817


255.0000, 0.0000,
0.0000


 56.9400, -1.9424,
63.1966


 140.1810, -7.4842,
67.3703


 33.8470, -0.9106,
58.8932


 167.8500, -8.8000,
69.4146

 23.1520, -6.9769,
44.5937

 189.1690, -5.9993,
57.7338

 14.8790, -6.3493,
29.9241

 208.6830, -2.3087,
40.6200

 0.0000, 0.0000,
0.0000

 228.4250, 2.2555,
23.3063

 247.9560, 3.4727,

6.1776

■ 85.8430, -4.8526,
63.2817

■ 85.8430, -4.8526,
63.2817

■ 75.0830, -5.4639,
72.7182

■ 96.6030, -4.2413,
53.8452

■ 64.3230, -6.0752,
82.1547

■ 107.3630, -3.6300,
44.4086

■ 54.1500, -6.9759,
91.0764

■ 117.5360, -2.7292,
35.4869

■ 51.4600, -7.1288,
93.4356

■ 128.2960, -2.1179,
26.0504

■ 139.1700, -1.0698,
16.5139

■ 149.9300, -0.4585,
7.0774

■ 160.6900, 0.1528,
-2.3591

■ 170.8630, 1.0535,
-11.2809

■ 181.6230, 1.6649,
-20.7174

Harmonies

Analogous

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



89.5220, 12.0677, 49.5312



85.8430, -4.8526, 63.2817



86.3910, -22.8708, 55.7851

Triad

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



85.8430, -4.8526, 63.2817



77.6140, -24.9527, -23.3405



77.1680, 41.8222, -67.6763

Complementary

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



85.8430, -4.8526, 63.2817



123.1570, 4.8526, -63.2817

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.



78.1820, 30.4763, -68.5656



85.8430, -4.8526, 63.2817



69.6320, -2.2836, -61.0673

Square

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



85.8430, -4.8526, 63.2817



82.6970, -40.7696, 9.9127



74.7790, 14.8990, -65.5812



80.3220, 41.7463, -43.2554

Rectangle

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



85.8430, -4.8526, 63.2817



86.1540, -33.5999, 43.7149



74.7790, 14.8990, -65.5812



78.3590, 38.7700, -68.7208

Sweetspot

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



85.8430, -4.8526, 63.2817



178.6980, -1.8231, 24.8209



87.1180, 34.9448, 38.4845



87.4580, -1.2118, 15.3843



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



85.8430, -4.8526, 63.2817



93.6780, -7.7293, 99.3834



98.8420, -23.5861, 51.8816



73.6200, -0.3057, 4.7183



46.5190, -6.6649, 84.6138



4.9410, -0.4639, 8.8217

Inverse Universe

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



85.8430, -4.8526, 63.2817



93.6780, -7.7293, 99.3834



110.1580, 23.5861, -51.8816



73.6200, -0.3057, 4.7183



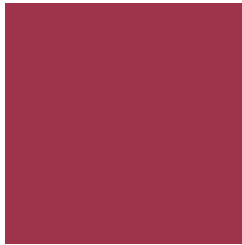
46.5190, -6.6649, 84.6138



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 85.8430, -4.8526, 63.2817 looks on a white background.

Color Contrast Check

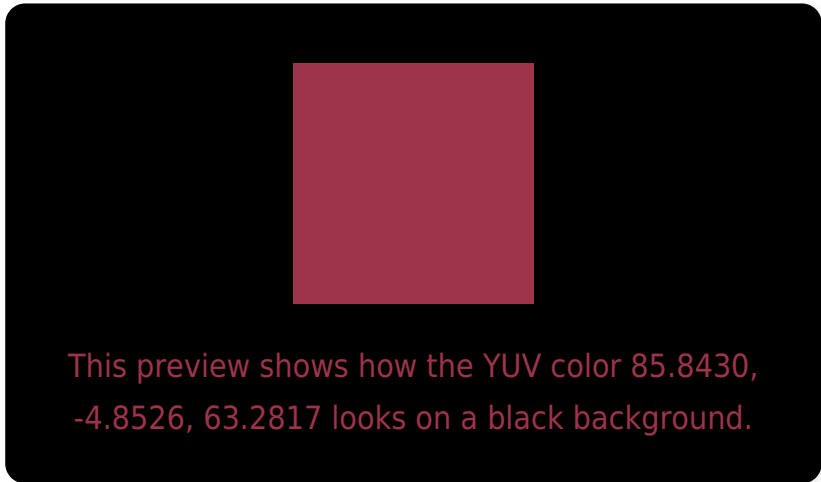
Large Text (above 18pt) WCAG AA ✓ Pass

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

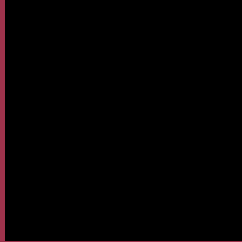
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.8430, -4.8526, 63.2817

Background



This preview shows how black text looks on a background with the YUV color 85.8430, -4.8526, 63.2817.



This preview shows how white text looks on a background with the YUV color 85.8430, -4.8526,

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

85.8430, -4.8526, 63.2817

Protanopia

90.9830, 2.4734, 0.0149

Deuteranopia

90.8570, -9.7895, 13.2804



Tritanopia

85.8400, -13.7251, 62.4073

Trichromacy



Original Color

85.8430, -4.8526, 63.2817

Protanomaly

89.1430, -0.0705, 22.6766

Deuteranomaly

89.1350, -7.9546, 31.4536

Tritanomaly

86.0510, -10.3781, 62.2223

Monochromacy



Original Color

85.8430, -4.8526, 63.2817

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6870, -1.8177, 23.0765

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8430, -4.8526, 63.2817 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(158, 51, 76)` looks like.

```
.text, #text, p{  
    color:rgb(158, 51, 76)  
}
```

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(158, 51, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 51, 76) }
```

Border

The CSS property to change the border of an element to YUV 85.8430, -4.8526, 63.2817 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(158, 51, 76) }
```


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

```
.border{ border-color:rgb(158, 51, 76) }
```

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

Here you see how a box with a 4 pixel rgb(158, 51, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 51, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 51, 76);  
box-shadow:4px 4px 4px 4px rgb(158, 51,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 85.8430, -4.8526, 63.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 51, 76) }
```

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

```
.background{ background-color: rgb(158, 51,  
76) }
```

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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