

Converting Colors

YUV(61.3510, -8.5540, 83.8842)

Have a look what the booklet for
YUV(61.3510, -8.5540, 83.8842)
contains.

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Color

**YUV(61.3510, -8.5540,
83.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	9D102C
RGB	157, 16, 44
RGB Percent	62%, 6%, 17%
CMY	0.3843, 0.9373, 0.8275
CMYK	0.00, 0.90, 0.72, 0.38
HSL	348°, 82%, 34%
HSV	348°, 90%, 62%
XYZ	14.5445, 7.7205, 3.1065
YIQ	61.3510, 75.0480, 38.6000

Conversions

Conversions Part 2

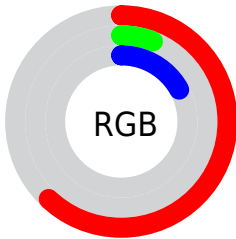
Format	Color
R_{YB}	157, 16, 44
Decimal	10293292
CIE _{Lab}	33.39, 54.53, 24.05
CIE _{LCh}	33, 59.601, 23.797
Yxy	7.7205, 0.5733, 0.3043
Android (android.graphics.Color)	4288483372 (0xFF9D102C)
YUV	61.3510, -8.5540, 83.8842
Hunter-Lab	27.7858, 44.8109, 12.8214

Details

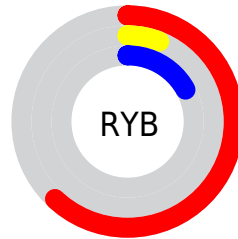
The YUV color **61.3510, -8.5540, 83.8842** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **111.6490, 8.5540, -83.8842**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2880, -16.4110, 83.9394**, and **29.3020, -14.4459, 60.2481** is the 20% darker color. If you saturate the color by 10%, you get **50.4770, -9.6022, 93.4207**, and if you desaturate by 10%, it is **72.2250, -7.5059, 74.3477**.

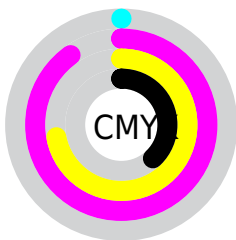
Distribution



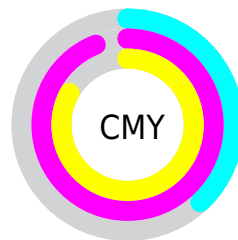
- Red (62%)
- Green (6%)
- Blue (17%)



- Red (62%)
- Yellow (6%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (72%)
- Black (38%)



- Cyan (38%)
- Magenta (94%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3510, -8.5540, 83.8842 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 61.3510, -8.5540, 83.8842 by changing the saturation by 10% instead.

61.3510, -8.5540,
83.8842

61.3510, -8.5540,
83.8842

255.0000, 0.0000,
0.0000

40.7090, -8.2375,
75.6772

122.2880,
-16.4110, 83.9394

29.3020, -14.4459,
60.2481

150.8430,
-18.1636, 86.0837

20.7450, -9.7343,
42.3196

171.3360,
-15.9416, 73.3733

11.7750, -5.3121,
23.8763

190.8500,
-12.2510, 56.2596

0.0000, 0.0000,
0.0000

210.9510, -8.8498,
38.6310

231.1660, -5.0118,

20.9024

251.3810, -1.1738,
3.1739

61.3510, -8.5540,
83.8842

61.3510, -8.5540,
83.8842

50.4770, -9.6022,
93.4207

72.2250, -7.5059,
74.3477

82.3980, -6.6052,
65.4260

93.2720, -5.5571,
55.8895

104.0320, -4.9458,
46.4529

114.9060, -3.8977,
36.9164

■ 125.0790, -2.9969,
27.9947

■ 135.9530, -1.9488,
18.4582

■ 146.8270, -0.9007,
8.9217

■ 157.0000, 0.0000,
0.0000

Harmonies

Analogous

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



57.7790, 15.8850, 85.2628



61.3510, -8.5540, 83.8842



71.1990, -35.1011, 58.5845

Triad

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



61.3510, -8.5540, 83.8842



56.6600, -21.5244, -49.6908



71.4920, 50.5364, -62.6985

Complementary

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



61.3510, -8.5540, 83.8842



111.6490, 8.5540, -83.8842

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.



74.0220, 39.9222, -64.9173



61.3510, -8.5540, 83.8842



65.1640, 0.9051, -57.1488

Square

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



61.3510, -8.5540, 83.8842



69.3080, -34.1688, -7.2861



70.7500, 22.3083, -62.0478



73.4580, 45.6232, -26.7117

Rectangle

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



61.3510, -8.5540, 83.8842



74.3120, -36.6358, 37.4374



70.7500, 22.3083, -62.0478



72.7970, 47.9211, -63.8430

Sweetspot

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



61.3510, -8.5540, 83.8842



166.6990, -3.3026, 32.7130



65.8610, 44.9315, 55.3729



79.6650, -1.8068, 19.5878



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



61.3510, -8.5540, 83.8842



65.6700, -12.1623, 121.3154



82.8130, -32.9388, 65.0620



73.6200, -0.3057, 4.7183



45.9490, -8.8489, 85.1137



4.8270, -0.9007, 8.9217

Inverse Universe

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



61.3510, -8.5540, 83.8842



65.6700, -12.1623, 121.3154



90.1870, 32.9388, -65.0620



73.6200, -0.3057, 4.7183



45.9490, -8.8489, 85.1137



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 61.3510, -8.5540, 83.8842 looks on a white background.

Color Contrast Check

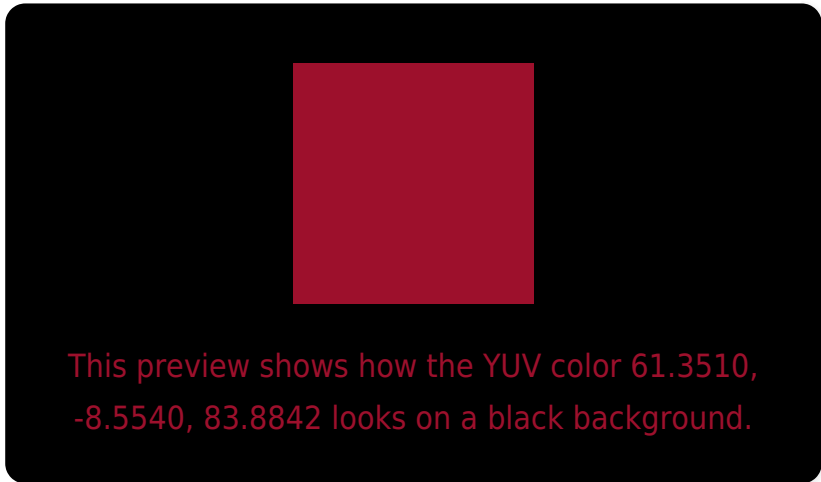
Large Text (above 18pt) WCAG AA ✓ Pass

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

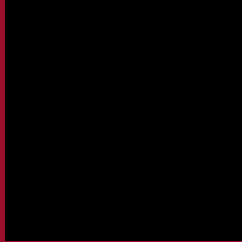
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3510, -8.5540, 83.8842

Background



This preview shows how black text looks on a background with the YUV color 61.3510, -8.5540, 83.8842.



This preview shows how white text looks on a background with the YUV color 61.3510, -8.5540,

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

61.3510, -8.5540, 83.8842

Protanopia

80.0840, -7.4364, 5.1883

Deuteranopia

79.2030, -21.2991, 18.2390



Tritanopia

62.4250, -20.9155, 82.0653

Trichromacy



Original Color

61.3510, -8.5540, 83.8842

Protanomaly

73.4450, -8.1074, 33.8127

Deuteranomaly

72.9100, -16.7176, 42.1749

Tritanomaly

61.6900, -16.1162, 82.7099

Monochromacy



Original Color

61.3510, -8.5540, 83.8842

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.3890, -3.1498, 30.3538

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3510, -8.5540, 83.8842 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(157, 16, 44)` looks like.

```
.text, #text, p{  
    color:rgb(157, 16, 44)  
}
```

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(157, 16, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 16, 44) }
```

Border

The CSS property to change the border of an element to YUV 61.3510, -8.5540, 83.8842 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(157, 16, 44) }
```


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

```
.border{ border-color:rgb(157, 16, 44) }
```

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

Here you see how a box with a 4 pixel rgb(157, 16, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 16, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 16, 44);  
box-shadow:4px 4px 4px 4px rgb(157, 16,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 61.3510, -8.5540, 83.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 16, 44) }
```

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

```
.background{ background-color: rgb(157, 16,  
44) }
```

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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