

Converting Colors

YUV(83.8490, -27.5336,
58.0144)

Have a look what the booklet for
YUV(83.8490, -27.5336, 58.0144)
contains.

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Color

**YUV(83.8490, -27.5336,
58.0144)**

Conversions

Conversions Part 1

Format	Color
Hex	963D1C
RGB	150, 61, 28
RGB Percent	59%, 24%, 11%
CMY	0.4118, 0.7608, 0.8902
CMYK	0.00, 0.59, 0.81, 0.41
HSL	16°, 69%, 35%
HSV	16°, 81%, 59%
XYZ	14.4560, 9.9054, 2.2486
YIQ	83.8490, 63.6370, 8.6050

Conversions

Conversions Part 2

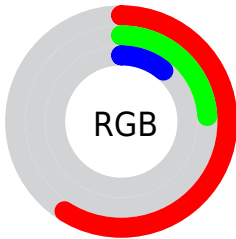
Format	Color
R_{YB}	150, 73, 28
Decimal	9846044
CIE _{Lab}	37.67, 35.55, 37.67
CIE _{LCh}	38, 51.793, 46.656
Yxy	9.9054, 0.5433, 0.3722
Android (android.graphics.Color)	4288036124 (0xFF963D1C)
YUV	83.8490, -27.5336, 58.0144
Hunter-Lab	31.4728, 26.9109, 17.7949

Details

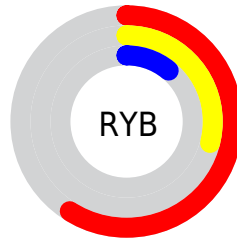
The YUV color **83.8490, -27.5336, 58.0144** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **94.1510, 27.5336, -58.0144**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3830, -30.7548, 64.5621**, and **32.2040, -15.8766, 52.4411** is the 20% darker color. If you saturate the color by 10%, you get **75.6820, -30.9022, 65.1769**, and if you desaturate by 10%, it is **92.0160, -24.1649, 50.8520**.

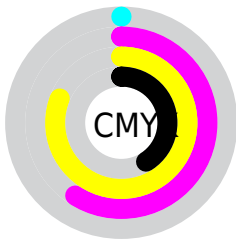
Distribution



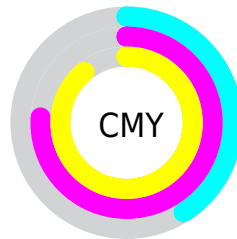
- Red (59%)
- Green (24%)
- Blue (11%)



- Red (59%)
- Yellow (29%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (76%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8490, -27.5336, 58.0144 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 83.8490, -27.5336, 58.0144 by changing the saturation by 10% instead.

83.8490, -27.5336,
58.0144

83.8490, -27.5336,
58.0144

255.0000, 0.0000,
0.0000

57.7670, -26.5071,
55.4553

136.3830,
-30.7548, 64.5621

32.2040, -15.8766,
52.4411

164.0520,
-32.0706, 66.6064

19.1360, -9.4340,
39.3457

187.2360,
-31.1753, 59.4290

11.7750, -5.3121,
23.8763

206.0490,
-27.6322, 42.9300

0.0000, 0.0000,
0.0000

225.5630,
-23.9416, 25.8162

245.7780,

-20.1036, 8.0877

■ 252.4920, -9.6096,
2.1995

■ 83.8490, -27.5336,
58.0144

■ 83.8490, -27.5336,
58.0144

■ 75.6820, -30.9022,
65.1769

■ 92.0160, -24.1649,
50.8520

■ 68.9170, -33.9761,
71.1098

■ 100.1830,
-20.7962, 43.6895

■ 108.3500,
-17.4275, 36.5271

■ 116.5170,
-14.0589, 29.3646

■ 124.6840,
-10.6902, 22.2021

■ 132.8510, -7.3215,
15.0397

■ 141.0180, -3.9529,
7.8772

■ 149.1850, -0.5842,
0.7148

■ 156.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



81.9040, -7.3477, 70.2442



83.8490, -27.5336, 58.0144



83.7370, -41.2823, 34.4337

Triad

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



83.8490, -27.5336, 58.0144



69.9740, -0.9732, -61.3672



81.5230, 43.6192, -37.2927

Complementary

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



83.8490, -27.5336, 58.0144



94.1510, 27.5336, -58.0144

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.



77.4930, 45.6060, -67.9614



83.8490, -27.5336, 58.0144



76.0500, 17.2304, -66.6958

Square

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



83.8490, -27.5336, 58.0144



72.2920, -23.3150, -35.3361



79.2080, 34.4075, -69.4654



91.0810, 27.5681, 24.4850

Rectangle

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



83.8490, -27.5336, 58.0144



82.4310, -40.6385, 14.5310



79.2080, 34.4075, -69.4654



73.0250, 48.7947, -64.0429

Sweetspot

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



83.8490, -27.5336, 58.0144



168.6840, -10.6902, 22.2021



74.6240, 20.8914, 66.1048



81.4810, -6.1531, 13.6102



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



83.8490, -27.5336, 58.0144



90.7470, -42.7663, 90.5529



119.6560, -45.1864, 26.6117



70.2670, -1.6106, 3.2738



62.9810, -31.0496, 65.7917



4.7510, -2.3422, 4.6034

Inverse Universe

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



94.1510, 27.5336, -58.0144



106.6660, 43.0557, -90.0381



58.3440, 45.1864, -26.6117



70.7330, 1.6106, -3.2738



74.4320, 31.3390, -65.2769



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 83.8490, -27.5336, 58.0144 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



This preview shows how the YUV color 83.8490, -27.5336, 58.0144 looks on a 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 83.8490, -27.5336, 58.0144

Background



This preview shows how black text looks on a background with the YUV color 83.8490, -27.5336, 58.0144.



This preview shows how white text looks on a background with the YUV color 83.8490, -27.5336,

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

83.8490, -27.5336, 58.0144

Protanopia

86.8340, -25.0612, 11.5466

Deuteranopia

85.9620, -32.5193, 23.7123



Tritanopia

85.5620, -12.1091, 57.3891

Trichromacy



Original Color

83.8490, -27.5336, 58.0144

Protanomaly

85.4170, -25.8416, 28.5753

Deuteranomaly

84.9080, -30.5206, 36.0377

Tritanomaly

84.7810, -17.6400, 58.0741

Monochromacy



Original Color

83.8490, -27.5336, 58.0144

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2000, -9.9586, 20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8490, -27.5336, 58.0144 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(150, 61, 28)` looks like.

```
.text, #text, p{  
    color:rgb(150, 61, 28)  
}
```

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(150, 61, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 61, 28) }
```

Border

The CSS property to change the border of an element to YUV 83.8490, -27.5336, 58.0144 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(150, 61, 28) }
```


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

```
.border{ border-color:rgb(150, 61, 28) }
```

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

Here you see how a box with a 4 pixel rgb(150, 61, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 61, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 61, 28);  
box-shadow:4px 4px 4px 4px rgb(150, 61,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 83.8490, -27.5336, 58.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 61, 28) }
```

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

```
.background{ background-color: rgb(150, 61,  
28) }
```

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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