

Converting Colors

YUV(85.5900, -14.5879,
59.1186)

Have a look what the booklet for
YUV(85.5900, -14.5879, 59.1186)
contains.

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Color

**YUV(85.5900, -14.5879,
59.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	993938
RGB	153, 57, 56
RGB Percent	60%, 22%, 22%
CMY	0.4000, 0.7765, 0.7804
CMYK	0.00, 0.63, 0.63, 0.40
HSL	1°, 46%, 41%
HSV	1°, 63%, 60%
XYZ	15.3138, 9.9841, 4.8614
YIQ	85.5900, 57.5370, 20.0410

Conversions

Conversions Part 2

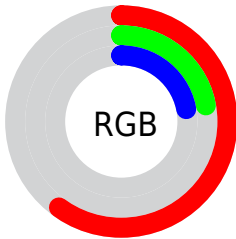
Format	Color
R_{YB}	153, 57, 56
Decimal	10041656
CIE _{Lab}	37.81, 40.12, 21.83
CIE _{LCh}	38, 45.672, 28.554
Yxy	9.9841, 0.5078, 0.3310
Android (android.graphics.Color)	4288231736 (0xFF993938)
YUV	85.5900, -14.5879, 59.1186
Hunter-Lab	31.5976, 31.2144, 12.9964

Details

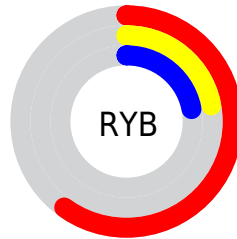
The YUV color **85.5900, -14.5879, 59.1186** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **123.4100, 14.5879, -59.1186**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5260, -17.5143, 64.4367**, and **30.3000, -8.0359, 57.6189** is the 20% darker color. If you saturate the color by 10%, you get **75.0750, -16.7990, 68.3402**, and if you desaturate by 10%, it is **96.1050, -12.3768, 49.8969**.

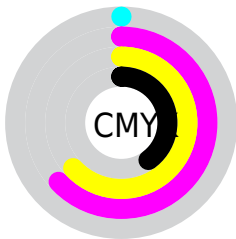
Distribution



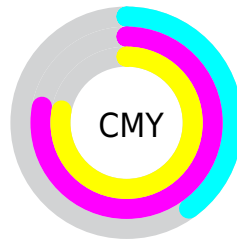
- Red (60%)
- Green (22%)
- Blue (22%)



- Red (60%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (63%)
- Yellow (63%)
- Black (40%)



- Cyan (40%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5900, -14.5879, 59.1186 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 85.5900, -14.5879, 59.1186 by changing the saturation by 10% instead.

■ 85.5900, -14.5879,
59.1186

■ 85.5900, -14.5879,
59.1186

■ 255.0000, 0.0000,
0.0000

■ 59.1490, -12.3985,
56.8743

■ 138.5260,
-17.5143, 64.4367

■ 30.3000, -8.0359,
57.6189

■ 166.1950,
-18.8301, 66.4810

■ 20.3320, -10.0237,
41.8048

■ 188.8950,
-17.2032, 57.9741

■ 12.9710, -5.9017,
26.3354

■ 208.4090,
-13.5126, 40.8603

■ 0.0000, 0.0000,
0.0000

■ 227.9230, -9.8220,
23.7465

■ 248.2520, -5.5472,

5.9180

■ 85.5900, -14.5879,
59.1186

■ 85.5900, -14.5879,
59.1186

■ 75.0750, -16.7990,
68.3402

■ 96.1050, -12.3768,
49.8969

■ 64.4460, -19.4469,
77.6619

■ 106.7340, -9.7289,
40.5753

■ 53.9310, -21.6580,
86.8835

■ 117.2490, -7.5178,
31.3536

■ 46.9210, -23.1321,
93.0313

■ 128.3510, -5.5960,
21.6172

■ 138.9800, -2.9481,
12.2955

■ 149.4950, -0.7370,
3.0739

■ 160.0100, 1.4741,
-6.1478

■ 170.5250, 3.6852,
-15.3694

■ 181.1540, 6.3331,
-24.6911

Harmonies

Analogous

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



86.7590, 2.5838, 58.0934



85.5900, -14.5879, 59.1186



85.9630, -30.5478, 44.7594

Triad

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



85.5900, -14.5879, 59.1186



67.4280, -9.5780, -54.7494



73.7600, 43.9953, -64.6875

Complementary

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



85.5900, -14.5879, 59.1186



123.4100, 14.5879, -59.1186

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.



77.2020, 36.8754, -67.7062



85.5900, -14.5879, 59.1186



72.0260, 6.8892, -63.1668

Square

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



85.5900, -14.5879, 59.1186



80.0630, -32.5691, -7.0713



76.2440, 23.0507, -66.8660



89.9310, 31.5860, -4.3245

Rectangle

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



85.5900, -14.5879, 59.1186



84.2850, -39.0875, 30.4451



76.2440, 23.0507, -66.8660



75.2930, 42.2536, -66.0320

Sweetspot

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



85.5900, -14.5879, 59.1186



172.3620, -5.6015, 23.3615



96.0610, 28.0709, 49.9355



83.5780, -3.2430, 13.5251



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.



85.5900, -14.5879, 59.1186



93.7360, -22.5478, 92.3165



113.7660, -28.4786, 34.4082



71.3920, -1.1793, 4.9182



42.4470, -20.9264, 85.5540



3.8870, -1.9163, 7.9921

Inverse Universe

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



123.4100, 14.5879, -59.1186



152.6770, 22.8372, -91.8017



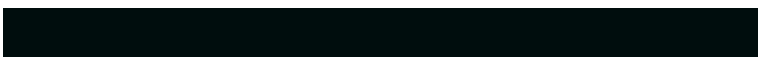
95.8210, 28.1892, -34.9230



74.0210, 1.4686, -4.4034



97.5530, 20.9264, -85.5540



9.1130, 1.9163, -7.9921

Previews

White Background



This preview shows how the YUV color 85.5900, -14.5879, 59.1186 looks on a white background.

Color Contrast Check

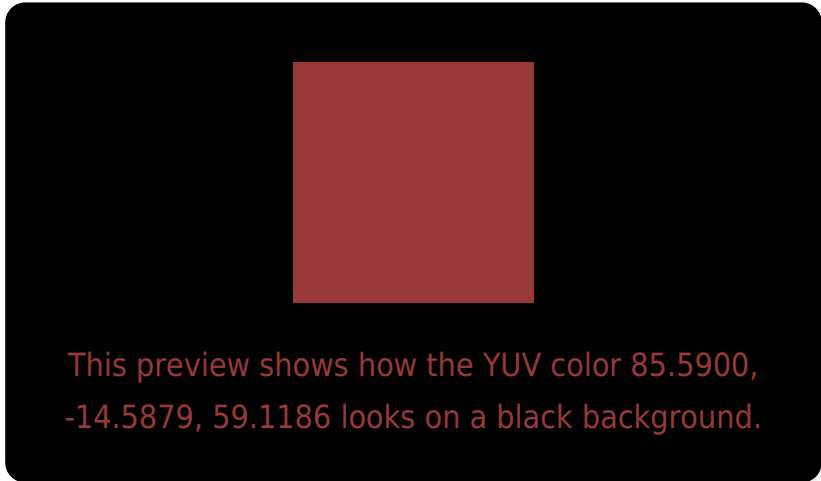
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 85.5900, -14.5879, 59.1186

Background



This preview shows how black text looks on a background with the YUV color 85.5900, -14.5879, 59.1186.

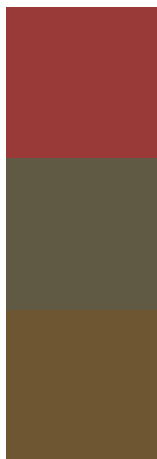


This preview shows how white text looks on a background with the YUV color 85.5900, -14.5879,

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

85.5900, -14.5879, 59.1186

Protanopia

89.4000, -10.0572, 5.7882

Deuteranopia

89.1860, -18.8257, 18.2539



Tritanopia

85.4590, -12.5513, 59.2335

Trichromacy



Original Color

85.5900, -14.5879, 59.1186

Protanomaly

88.0650, -11.8640, 25.3760

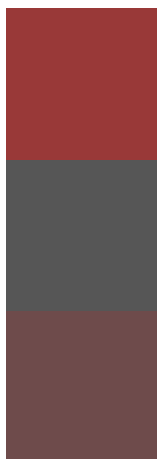
Deuteranomaly

87.7410, -17.1273, 33.5531

Tritanomaly

85.3450, -12.9881, 59.3334

Monochromacy



Original Color

85.5900, -14.5879, 59.1186

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.4650, -5.1592, 21.5172

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5900, -14.5879, 59.1186 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(153, 57, 56)` looks like.

```
.text, #text, p{  
    color:rgb(153, 57, 56)  
}
```

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(153, 57, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 57, 56) }
```

Border

The CSS property to change the border of an element to YUV 85.5900, -14.5879, 59.1186 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(153, 57, 56) }
```


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

```
.border{ border-color:rgb(153, 57, 56) }
```

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

Here you see how a box with a 4 pixel rgb(153, 57, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 57, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 57, 56);  
box-shadow:4px 4px 4px 4px rgb(153, 57,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 85.5900, -14.5879, 59.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 57, 56) }
```

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

```
.background{ background-color: rgb(153, 57,  
56) }
```

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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