

Converting Colors

YUV(59.5890, 10.5556, 67.8894)

Have a look what the booklet for
YUV(59.5890, 10.5556, 67.8894)
contains.

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Color

**YUV(59.5890, 10.5556,
67.8894)**

Conversions

Conversions Part 1

Format	Color
Hex	891051
RGB	137, 16, 81
RGB Percent	54%, 6%, 32%
CMY	0.4627, 0.9373, 0.6824
CMYK	0.00, 0.88, 0.41, 0.46
HSL	328°, 79%, 30%
HSV	328°, 88%, 54%
XYZ	11.9870, 6.2830, 8.3655
YIQ	59.5890, 51.2510, 45.8670

Conversions

Conversions Part 2

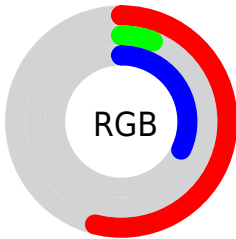
Format	Color
R_{YB}	137, 16, 81
Decimal	8982609
CIE _{Lab}	30.12, 51.97, -5.51
CIE _{LCh}	30, 52.260, 353.943
Yxy	6.2830, 0.4500, 0.2359
Android (android.graphics.Color)	4287172689 (0xFF891051)
YUV	59.5890, 10.5556, 67.8894
Hunter-Lab	25.0660, 41.4966, -2.2413

Details

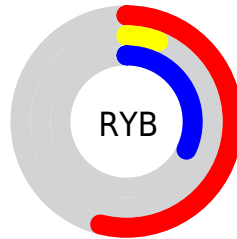
The YUV color **59.5890, 10.5556, 67.8894** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **93.4110, -10.5556, -67.8894**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0250, 5.9037, 66.6301**, and **28.7360, 4.0742, 46.7125** is the 20% darker color. If you saturate the color by 10%, you get **50.6870, 11.9863, 75.6965**, and if you desaturate by 10%, it is **68.4910, 9.1249, 60.0824**.

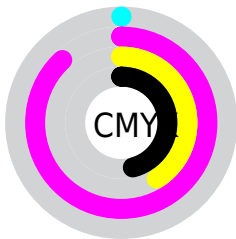
Distribution



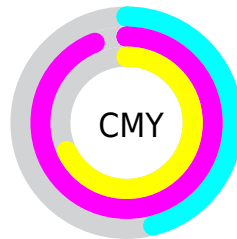
- Red (54%)
- Green (6%)
- Blue (32%)



- Red (54%)
- Yellow (6%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (41%)
- Black (46%)



- Cyan (46%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5890, 10.5556, 67.8894 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 59.5890, 10.5556, 67.8894 by changing the saturation by 10% instead.

■ 59.5890, 10.5556,
67.8894

■ 59.5890, 10.5556,
67.8894

255.0000, 0.0000,
0.0000

■ 39.2030, 9.2669,
61.2120

■ 118.0250, 5.9037,
66.6301

■ 28.7360, 4.0742,
46.7125

■ 146.3950, 4.7353,
68.0596

■ 19.0520, -1.9976,
34.1574

■ 174.2920, 4.2930,
69.9039

■ 6.2790, -3.0955,
12.9103

■ 193.6320, 8.5624,
53.8197

■ 0.0000, 0.0000,
0.0000

■ 213.8470, 12.4004,
36.0912

■ 232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

59.5890, 10.5556,
67.8894

59.5890, 10.5556,
67.8894

50.6870, 11.9863,
75.6965

68.4910, 9.1249,
60.0824

49.3990, 12.1283,
76.8261

76.9200, 8.4204,
52.6902

85.8220, 6.9898,
44.8831

94.7240, 5.5591,
37.0761

103.1530, 4.8546,
29.6838

■ 112.0550, 3.4239,
21.8768

■ 120.9570, 1.9932,
14.0697

■ 129.9730, 0.9993,
6.1627

■ 138.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



70.5230, 23.8992, 34.6213



59.5890, 10.5556, 67.8894



59.7360, -9.2368, 69.5145

Triad

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



59.5890, 10.5556, 67.8894



62.5300, -30.8273, -5.7268



66.1000, 34.9537, -57.9697

Complementary

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



59.5890, 10.5556, 67.8894



93.4110, -10.5556, -67.8894

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.



63.3980, 19.5238, -55.6000



59.5890, 10.5556, 67.8894



51.8330, -17.1727, -45.4575

Square

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



59.5890, 10.5556, 67.8894



67.1470, -33.1035, 24.4271



58.6100, 1.1783, -51.4010



63.8150, 43.9682, -55.9658

Rectangle

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



59.5890, 10.5556, 67.8894



63.9460, -24.6234, 57.9294



58.6100, 1.1783, -51.4010



65.5470, 30.2963, -57.4847

Sweetspot

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



59.5890, 10.5556, 67.8894



148.9030, 3.9918, 26.3951



45.9400, 44.8926, 21.1006



71.6690, 2.1352, 15.1993



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



59.5890, 10.5556, 67.8894



64.4650, 15.5468, 100.4472



52.8630, -15.2155, 73.7881



64.5490, 0.7153, 3.9035



47.8610, 11.4075, 74.6669



1.8370, 0.5734, 2.7740

Inverse Universe

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



59.5890, 10.5556, 67.8894



64.4650, 15.5468, 100.4472



100.1370, 15.2155, -73.7881



64.5490, 0.7153, 3.9035



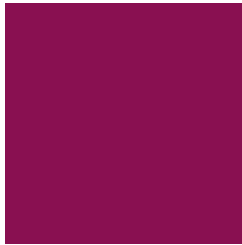
47.8610, 11.4075, 74.6669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 59.5890, 10.5556, 67.8894 looks on a white background.

Color Contrast Check

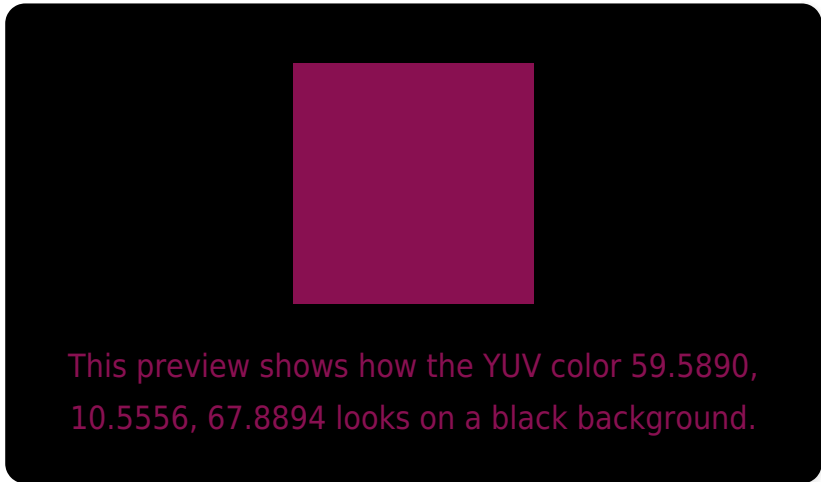
Large Text (above 18pt) WCAG AA ✓ Pass

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

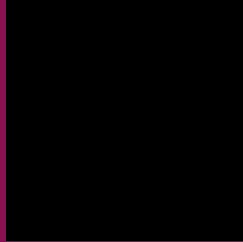
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5890, 10.5556, 67.8894

Background



This preview shows how black text looks on a background with the YUV color 59.5890, 10.5556, 67.8894.



This preview shows how white text looks on a background with the YUV color 59.5890, 10.5556,

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

59.5890, 10.5556, 67.8894

Protanopia

72.3030, 20.5566, -13.4207

Deuteranopia

73.8480, 0.5679, 4.5183



Tritanopia

64.7150, -14.1565, 60.7629

Trichromacy



Original Color

59.5890, 10.5556, 67.8894

Protanomaly

67.8660, 16.8281, 15.9035

Deuteranomaly

68.6150, 4.1338, 27.5246

Tritanomaly

62.7290, -5.2894, 63.3817

Monochromacy



Original Color

59.5890, 10.5556, 67.8894

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8920, 3.9972, 24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5890, 10.5556, 67.8894 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(137, 16, 81)` looks like.

```
.text, #text, p{  
    color:rgb(137, 16, 81)  
}
```

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(137, 16, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 16, 81) }
```

Border

The CSS property to change the border of an element to YUV 59.5890, 10.5556, 67.8894 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(137, 16, 81) }
```


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

```
.border{ border-color:rgb(137, 16, 81) }
```

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

Here you see how a box with a 4 pixel rgb(137, 16, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 16, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 16, 81);  
box-shadow:4px 4px 4px 4px rgb(137, 16,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 59.5890, 10.5556, 67.8894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 16, 81) }
```

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

```
.background{ background-color: rgb(137, 16,  
81) }
```

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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