

Converting Colors

YUV(18.3950, 61.4303, -9.9934)

Have a look what the booklet for
YUV(18.3950, 61.4303, -9.9934)
contains.

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Color

**YUV(18.3950, 61.4303,
-9.9934)**

Conversions

Conversions Part 1

Format	Color
Hex	07008F
RGB	7, 0, 143
RGB Percent	3%, 0%, 56%
CMY	0.9725, 1.0000, 0.4392
CMYK	0.95, 1.00, 0.00, 0.44
HSL	243°, 100%, 28%
HSV	243°, 100%, 56%
XYZ	5.0455, 2.0283, 26.1122
YIQ	18.3950, -41.7310, 45.9570

Conversions

Conversions Part 2

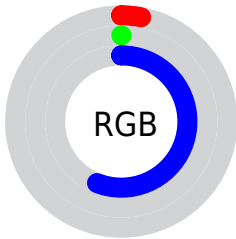
Format	Color
R_{YB}	7, 0, 143
Decimal	458895
CIE _{Lab}	15.64, 51.56, -69.71
CIE _{LCh}	16, 86.707, 306.484
Yxy	2.0283, 0.1520, 0.0611
Android (android.graphics.Color)	4278648975 (0xFF07008F)
YUV	18.3950, 61.4303, -9.9934
Hunter-Lab	14.2420, 38.3142, -98.7368

Details

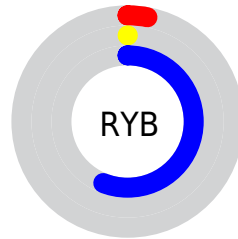
The YUV color **18.3950, 61.4303, -9.9934** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **124.6050, -61.4303, 9.9934**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8810, 57.7397, 7.1204**, and **10.3740, 39.7486, -9.0980** is the 20% darker color. If you saturate the color by 10%, you get **18.3950, 61.4303, -9.9934**, and if you desaturate by 10%, it is **30.7990, 55.3151, -8.5937**.

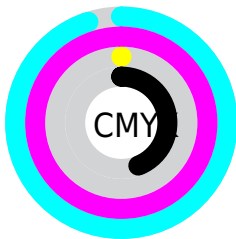
Distribution



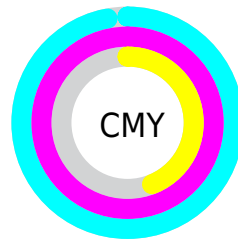
- Red (3%)
- Green (0%)
- Blue (56%)



- Red (3%)
- Yellow (0%)
- Blue (56%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (97%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.3950, 61.4303, -9.9934 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 18.3950, 61.4303, -9.9934 by changing the saturation by 10% instead.

■ 18.3950, 61.4303,
-9.9934

■ 18.3950, 61.4303,
-9.9934

■ 246.7820, 4.0515,
7.2072

■ 13.3380, 51.1054,
-11.6974

■ 80.8810, 57.7397,
7.1204

■ 10.3740, 39.7486,
-9.0980

■ 107.5440, 58.8918,
10.9239

■ 11.6330, 26.8029,
-10.2021

■ 134.6690, 59.3232,
12.5683

■ 6.6630, 17.9141,
-5.8435

■ 158.9010, 47.3768,
17.6268

■ 2.9810, 8.8834,
-2.6143

■ 183.7200, 35.1410,
22.1706

■ 0.0000, 0.0000,
0.0000

■ 208.5390, 22.9053,

26.7143

■ 229.7590, 12.4438,
22.1364

■ 18.3950, 61.4303,
-9.9934

■ 30.7990, 55.3151,
-8.5937

■ 43.4910, 49.0579,
-8.3236

■ 55.8950, 42.9428,
-6.9239

■ 68.0000, 36.9750,
-6.1390

■ 80.9910, 30.5704,
-5.2541

■ 93.3950, 24.4553,
-3.8544

■ 105.5000, 18.4875,
-3.0695

■ 117.9040, 12.3723,
-1.6698

■ 130.5960, 6.1152,
-1.3997

Harmonies

Analogous

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



48.0290, 59.6387, -42.1214



18.3950, 61.4303, -9.9934



44.3460, 22.5074, 61.0866

Triad

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



18.3950, 61.4303, -9.9934



27.7630, -13.6872, 50.1968



38.8000, 6.5076, -34.0276

Complementary

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



18.3950, 61.4303, -9.9934



124.6050, -61.4303, 9.9934

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.



32.2850, -15.9165, -28.3139



18.3950, 61.4303, -9.9934



35.7170, -17.6085, 1.1252

Square

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



18.3950, 61.4303, -9.9934



35.5810, -17.5414, 73.1585



30.5240, -15.0483, -26.7695



48.2160, 32.4315, -42.2854

Rectangle

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



18.3950, 61.4303, -9.9934



44.8690, 2.5296, 75.5369



30.5240, -15.0483, -26.7695



35.7050, -2.8126, -31.3133

Sweetspot

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



18.3950, 61.4303, -9.9934



137.2810, 24.0185, -3.7544



97.3080, 22.5262, -85.3391



64.4740, 14.5563, -2.1697



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



18.3950, 61.4303, -9.9934



23.8950, 79.9178, -13.0629



39.0260, 51.2592, 32.4262



65.0970, 2.9102, -0.0851



17.4830, 57.9359, -9.1936



0.9120, 3.4944, -0.7998

Inverse Universe

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



58.2610, 38.3253, 74.3161



75.7920, 49.8955, 96.6524



103.9740, -51.2592, -32.4262



66.8910, 2.0257, 3.6036



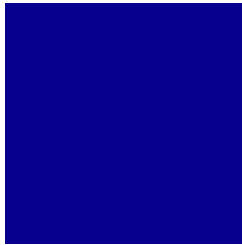
55.0710, 36.4470, 70.0977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 18.3950, 61.4303, -9.9934 looks on a white background.

Color Contrast Check

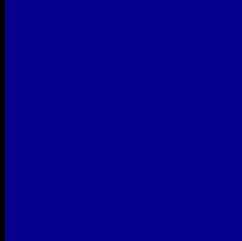
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3950, 61.4303, -9.9934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

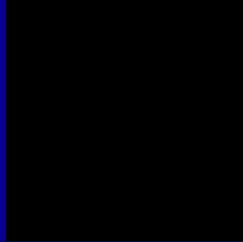
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.3950, 61.4303, -9.9934

Background



This preview shows how black text looks on a background with the YUV color 18.3950, 61.4303, -9.9934.



This preview shows how white text looks on a background with the YUV color 18.3950, 61.4303, -9.9934.

-9.9934.

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



Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

34.8510, 19.3005, -30.5643

Tritanopia

33.8760, 7.9491, -29.7093

Trichromacy



Protanomaly

29.0580, 38.9184, -22.8529

Deuteranomaly

29.2060, 34.4084, -22.9827

Tritanomaly

28.6700, 27.2777, -22.5126

Monochromacy



Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.8250, 22.2713, -3.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.3950, 61.4303, -9.9934 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(7, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(7, 0, 143)  
}
```

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(7, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 0, 143) }
```

Border

The CSS property to change the border of an element to YUV 18.3950, 61.4303, -9.9934 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(7, 0, 143) }
```

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

```
.border{ border-color:rgb(7, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 0, 143); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 0, 143); box-shadow:4px  
4px 4px 4px rgb(7, 0, 143) }
```


Background

The CSS property to change the background color of an element to YUV 18.3950, 61.4303, -9.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 0, 143) }
```

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

```
.background{ background-color: rgb(7, 0,  
143) }
```

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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