

Converting Colors

YUV(49.9080, 97.1664, 7.9737)

Have a look what the booklet for
YUV(49.9080, 97.1664, 7.9737)
contains.

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Color

**YUV(49.9080, 97.1664,
7.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	3B07F7
RGB	59, 7, 247
RGB Percent	23%, 3%, 97%
CMY	0.7686, 0.9725, 0.0314
CMYK	0.76, 0.97, 0.00, 0.03
HSL	253°, 94%, 50%
HSV	253°, 97%, 97%
XYZ	18.6681, 7.7972, 88.5168
YIQ	49.9080, -46.0480, 85.6640

Conversions

Conversions Part 2

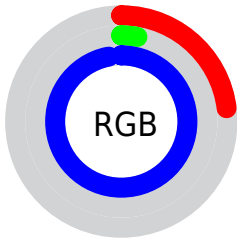
Format	Color
RYB	59, 7, 247
Decimal	3868663
CIELab	33.56, 77.03, -101.22
CIElCh	34, 127.198, 307.274
Yxy	7.7972, 0.1624, 0.0678
Android (android.graphics.Color)	4282058743 (0xFF3B07F7)
YUV	49.9080, 97.1664, 7.9737
Hunter-Lab	27.9234, 70.4697, -168.4020

Details

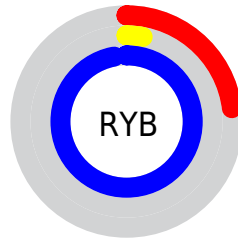
The YUV color **49.9080, 97.1664, 7.9737** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **204.0920, -97.1664, -7.9737**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3570, 69.3370, 20.7349**, and **21.5460, 82.5548, -18.8958** is the 20% darker color. If you saturate the color by 10%, you get **44.3040, 99.9291, 8.5034**, and if you desaturate by 10%, it is **70.2640, 87.1308, 6.7845**.

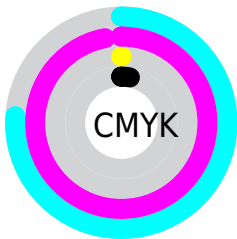
Distribution



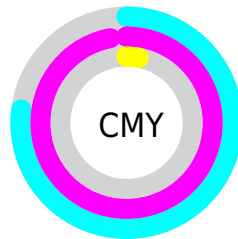
- Red (23%)
- Green (3%)
- Blue (97%)



- Red (23%)
- Yellow (3%)
- Blue (97%)



- Cyan (76%)
- Magenta (97%)
- Yellow (0%)
- Black (3%)



- Cyan (77%)
- Magenta (97%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9080, 97.1664, 7.9737 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 49.9080, 97.1664, 7.9737 by changing the saturation by 10% instead.

■ 49.9080, 97.1664,
7.9737

■ 49.9080, 97.1664,
7.9737

255.0000, 0.0000,
0.0000

■ 24.8520, 95.2220,
-21.7952

■ 114.3570, 69.3370,
20.7349

■ 21.5460, 82.5548,
-18.8958

■ 140.6600, 56.3696,
26.6082

■ 18.3540, 70.3245,
-16.0965

■ 166.9630, 43.4022,
32.4814

■ 15.1620, 58.0941,
-13.2971

■ 193.2660, 30.4349,
38.3547

■ 20.4160, 42.6859,
-17.9048

■ 215.0840, 19.6786,
35.0063


■ 15.6910, 32.1973,
-13.7610


■ 232.1070, 11.2862,


■ 9.4330, 23.4505,


20.0772


-8.2727


 249.1300, 2.8939,
5.1480


 5.1640, 14.7091,
-4.5288


 1.0260, 3.9312,
-0.8998


 49.9080, 97.1664,
7.9737


 49.9080, 97.1664,
7.9737

 44.3040, 99.9291,
8.5034

 70.2640, 87.1308,
6.7845

 90.3320, 77.2373,
6.7248

 110.6880, 67.2018,
5.5356

 131.0440, 57.1663,
4.3464

■ 151.6990, 46.9834,
3.7720

■ 171.4680, 37.2373,
3.0976

■ 191.8240, 27.2018,
1.9084

■ 212.4790, 17.0189,
1.3339

■ 232.2480, 7.2727,
0.6595

Harmonies

Analogous

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



83.6610, 84.4701, -73.3707



49.9080, 97.1664, 7.9737



79.5350, 39.6692, 110.0328

Triad

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



49.9080, 97.1664, 7.9737



63.3680, -31.2404, 80.3613



74.5510, 14.0254, -65.3812

Complementary

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



49.9080, 97.1664, 7.9737



204.0920, -97.1664, -7.9737

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.



61.6350, -30.3861, -54.0539



49.9080, 97.1664, 7.9737



71.7330, -35.3644, 2.8652

Square

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



49.9080, 97.1664, 7.9737



63.0890, -31.1029, 129.7179



58.7000, -28.9391, -51.4799



88.4130, 56.9844, -77.5382

Rectangle

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



49.9080, 97.1664, 7.9737



79.7850, 7.0080, 132.6156



58.7000, -28.9391, -51.4799



69.8600, -1.4100, -61.2672

Sweetspot

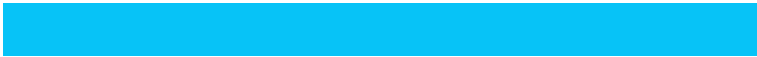
The Sweet Spot groups the original color and five complimentary colors.



49.9080, 97.1664, 7.9737



194.2200, 29.9645, 2.4381



144.7160, 50.4260, -120.7769



91.1200, 18.1818, 1.6488



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



49.9080, 97.1664, 7.9737



45.5150, 103.2761, 8.3183



85.7880, 79.4775, 81.7469



112.2650, 4.7994, 0.6446



33.1640, 75.3481, 5.9952



10.6130, 23.8548, 2.0934

Inverse Universe

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



100.1920, 46.7403, 128.7506



99.0450, 49.7708, 136.7725



168.2120, -79.4775, -81.7469



114.7280, 2.5991, 6.3775



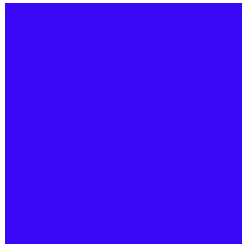
72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 49.9080, 97.1664, 7.9737 looks on a white background.

Color Contrast Check

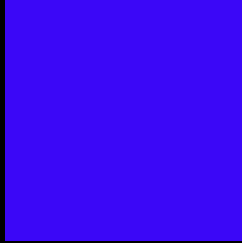
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9080, 97.1664, 7.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

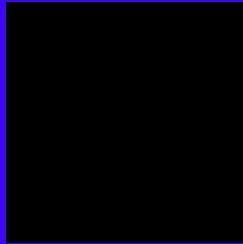
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9080, 97.1664, 7.9737

Background



This preview shows how black text looks on a background with the YUV color 49.9080, 97.1664, 7.9737.



This preview shows how white text looks on a background with the YUV color 49.9080, 97.1664,

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

49.9080, 97.1664, 7.9737

Protanopia

62.8520, 47.8940, -55.1212

Deuteranopia

63.6380, 35.6745, -55.8105



Tritanopia

62.2580, 15.1558, -54.6003

Trichromacy



Original Color

49.9080, 97.1664, 7.9737

Protanomaly

58.1040, 66.0107, -32.5402

Deuteranomaly

58.6280, 57.8644, -32.9998

Tritanomaly

57.8980, 44.9133, -32.3595

Monochromacy



Original Color

49.9080, 97.1664, 7.9737

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7130, 35.6375, 2.8827

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9080, 97.1664, 7.9737 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(59, 7, 247)` looks like.

```
.text, #text, p{  
    color:rgb(59, 7, 247)  
}
```

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(59, 7, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 7, 247) }
```

Border

The CSS property to change the border of an element to YUV 49.9080, 97.1664, 7.9737 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(59, 7, 247) }
```


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

```
.border{ border-color:rgb(59, 7, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 7, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 7, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 7, 247);  
box-shadow:4px 4px 4px 4px rgb(59, 7, 247)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9080, 97.1664, 7.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 7, 247) }
```

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

```
.background{ background-color: rgb(59, 7,  
247) }
```

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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