

Converting Colors

YUV(99.7740, 49.9044, 0.1982)

Have a look what the booklet for
YUV(99.7740, 49.9044, 0.1982)
contains.

YUV(99.7740, 49.9044, 0.1982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.7740, 49.9044,
0.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	6450C9
RGB	100, 80, 201
RGB Percent	39%, 31%, 79%
CMY	0.6078, 0.6863, 0.2118
CMYK	0.50, 0.60, 0.00, 0.21
HSL	250°, 53%, 55%
HSV	250°, 60%, 79%
XYZ	18.6668, 12.6637, 56.7188
YIQ	99.7740, -26.9210, 41.8710

Conversions

Conversions Part 2

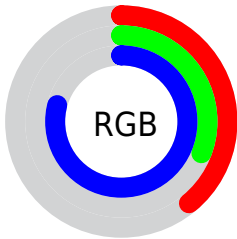
Format	Color
R_{YB}	100, 80, 201
Decimal	6574281
CIE _{Lab}	42.25, 39.55, -60.49
CIE _{LCh}	42, 72.270, 303.177
Yxy	12.6637, 0.2120, 0.1438
Android (android.graphics.Color)	4284764361 (0xFF6450C9)
YUV	99.7740, 49.9044, 0.1982
Hunter-Lab	35.5861, 31.3572, -69.5890

Details

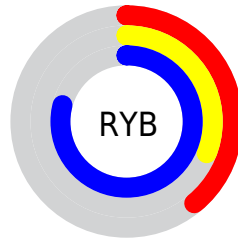
The YUV color **99.7740, 49.9044, 0.1982** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **181.2260, -49.9044, -0.1982**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6220, 50.4724, 4.7165**, and **47.6650, 48.4792, -9.3532** is the 20% darker color. If you saturate the color by 10%, you get **82.9510, 58.1982, 0.0430**, and if you desaturate by 10%, it is **116.5970, 41.6107, 0.3534**.

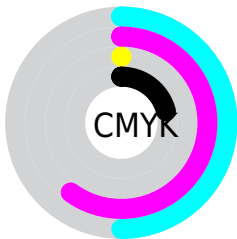
Distribution



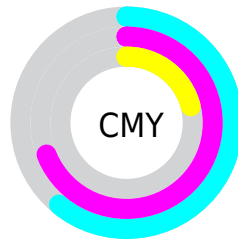
- Red (39%)
- Green (31%)
- Blue (79%)



- Red (39%)
- Yellow (31%)
- Blue (79%)



- Cyan (50%)
- Magenta (60%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (69%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7740, 49.9044, 0.1982 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 99.7740, 49.9044, 0.1982 by changing the saturation by 10% instead.

■ 99.7740, 49.9044,
0.1982

■ 99.7740, 49.9044,
0.1982

■ 255.0000, 0.0000,
0.0000

■ 73.5240, 49.0417,
-3.0905

■ 152.6220, 50.4724,
4.7165

■ 47.6650, 48.4792,
-9.3532

■ 176.5550, 38.6734,
9.1603

■ 20.7240, 48.9431,
-18.1749

■ 201.6620, 26.2956,
12.5744

■ 10.7160, 41.0590,
-9.3979

■ 226.4810, 14.0599,
17.1182

■ 9.6270, 29.2709,
-8.4429

■ 246.1950, 4.3409,
7.7220

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 99.7740, 49.9044,
0.1982

■ 99.7740, 49.9044,
0.1982

■ 82.9510, 58.1982,
0.0430

■ 116.5970, 41.6107,
0.3534

■ 66.1280, 66.4919,
-0.1123

■ 133.4200, 33.3169,
0.5087

■ 49.6040, 74.6382,
0.3473

■ 149.9440, 25.1706,
0.0491

■ 32.7810, 82.9320,
0.1921

■ 166.7670, 16.8769,
0.2043

■ 184.1770, 8.2937,
-0.1552

■ 201.0000, 0.0000,
0.0000

■ 217.5240, -8.1463,
-0.4595

■ 234.3470,
-16.4401, -0.3043

■ 247.6480,
-22.9975, 2.9397

Harmonies

Analogous

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



87.4160, 65.8569, -76.6638



99.7740, 49.9044, 0.1982



91.7030, 31.2054, 71.2975

Triad

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



99.7740, 49.9044, 0.1982



92.7620, -45.7317, 61.5987



84.7580, 9.9793, -74.3328

Complementary

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



99.7740, 49.9044, 0.1982



181.2260, -49.9044, -0.1982

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.



75.7010, -17.1076, -66.3898



99.7740, 49.9044, 0.1982



93.6830, -46.1857, 20.4490

Square

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



99.7740, 49.9044, 0.1982



81.9970, -21.6905, 97.3496



82.4660, -40.6557, -26.7187



91.4840, 35.7504, -80.2315

Rectangle

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



99.7740, 49.9044, 0.1982



71.5290, 21.9242, 108.2841



82.4660, -40.6557, -26.7187



81.7770, 1.0959, -71.7184

Sweetspot

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



99.7740, 49.9044, 0.1982



216.6360, 18.9135, 0.3192



154.2550, 23.0453, -65.1216



103.8010, 11.9301, 0.1745



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.



99.7740, 49.9044, 0.1982



101.2450, 75.8012, 0.6621



117.4150, 41.2074, 36.4700



91.3250, 3.7838, -0.2850



26.6550, 67.2181, 0.3026



5.8980, 14.8403, 0.0895

Inverse Universe

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



127.6930, 26.2804, 64.2902



143.5720, 40.1440, 97.7224



163.5850, -41.2074, -36.4700



93.6030, 2.1677, 4.7332



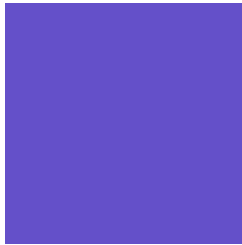
64.2410, 35.3772, 86.6116



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 99.7740, 49.9044, 0.1982 looks on a white background.

Color Contrast Check

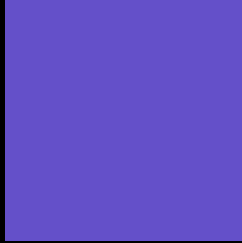
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.7740, 49.9044, 0.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

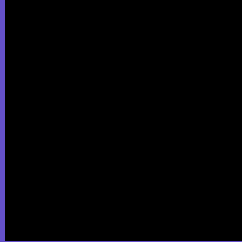
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7740, 49.9044, 0.1982

Background



This preview shows how black text looks on a background with the YUV color 99.7740, 49.9044, 0.1982.



This preview shows how white text looks on a background with the YUV color 99.7740, 49.9044,

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

99.7740, 49.9044, 0.1982

Protanopia

79.6080, 61.3253, -69.8162

Deuteranopia

80.0520, 47.7954, -70.2056



Tritanopia

96.3440, 8.2114, -20.4727

Trichromacy



Original Color

99.7740, 49.9044, 0.1982

Protanomaly

86.7360, 57.3182, -44.4955

Deuteranomaly

87.1460, 48.7350, -44.8550

Tritanomaly

97.6990, 23.3194, -12.8910

Monochromacy



Original Color

99.7740, 49.9044, 0.1982

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1090, 18.1873, -0.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7740, 49.9044, 0.1982 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(100, 80, 201)` looks like.

```
.text, #text, p{  
    color:rgb(100, 80, 201)  
}
```

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(100, 80, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 80, 201) }
```

Border

The CSS property to change the border of an element to YUV 99.7740, 49.9044, 0.1982 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(100, 80, 201) }
```


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

```
.border{ border-color:rgb(100, 80, 201) }
```

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

Here you see how a box with a 4 pixel rgb(100, 80, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 80, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 80, 201);  
box-shadow:4px 4px 4px 4px rgb(100, 80,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 99.7740, 49.9044, 0.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 80, 201) }
```

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

```
.background{ background-color: rgb(100, 80,  
201) }
```

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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