

Converting Colors

YUV(47.9890, 84.3084, 25.4426)

Have a look what the booklet for
YUV(47.9890, 84.3084, 25.4426)
contains.

YUV(47.9890, 84.3084, 25.4426)	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>	30

Color

**YUV(47.9890, 84.3084,
25.4426)**

Conversions

Conversions Part 1

Format	Color
Hex	4D00DB
RGB	77, 0, 219
RGB Percent	30%, 0%, 86%
CMY	0.6980, 1.0000, 0.1412
CMYK	0.65, 1.00, 0.00, 0.14
HSL	261°, 100%, 43%
HSV	261°, 100%, 86%
XYZ	15.8468, 6.6923, 67.4744
YIQ	47.9890, -24.4070, 84.4330

Conversions

Conversions Part 2

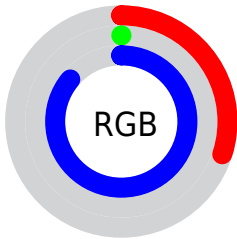
Format	Color
RYB	77, 0, 219
Decimal	5046491
CIELab	31.10, 72.19, -89.31
CIElCh	31, 114.842, 308.949
Yxy	6.6923, 0.1760, 0.0743
Android (android.graphics.Color)	4283236571 (0xFF4D00DB)
YUV	47.9890, 84.3084, 25.4426
Hunter-Lab	25.8694, 64.0719, -136.5357

Details

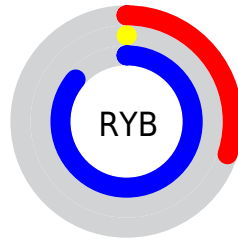
The YUV color **47.9890, 84.3084, 25.4426** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **171.0110, -84.3084, -25.4426**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1020, 69.4627, 27.0975**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **47.9890, 84.3084, 25.4426**, and if you desaturate by 10%, it is **65.0890, 75.8781, 22.7239**.

Distribution



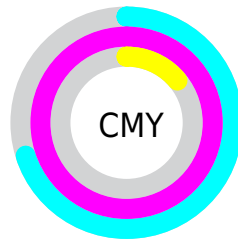
- Red (30%)
- Green (0%)
- Blue (86%)



- Red (30%)
- Yellow (0%)
- Blue (86%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (70%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9890, 84.3084, 25.4426 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 47.9890, 84.3084, 25.4426 by changing the saturation by 10% instead.

47.9890, 84.3084,
25.4426

47.9890, 84.3084,
25.4426

255.0000, 0.0000,
0.0000

30.9290, 78.4220,
0.0623

114.1020, 69.4627,
27.0975

18.4680, 70.7613,
-16.1964

139.8070, 56.7901,
31.7413

15.3900, 58.9677,
-13.4970

165.5120, 44.1176,
36.3850

12.3120, 47.1742,
-10.7976

190.9290, 31.5870,
42.1583

15.9190, 33.0709,
-13.9610

212.7360, 20.8362,
37.0655

10.2480, 24.0347,
-8.9875

229.1720, 12.7332,

5.2780, 15.1459,

22.6512

-4.6288

246.7820, 4.0515,
7.2072

1.3680, 5.2416,
-1.1997

0.0000, 0.0000,
0.0000

47.9890, 84.3084,
25.4426

65.0890, 75.8781,
22.7239

82.1890, 67.4478,
20.0052

99.5880, 58.8701,
17.9013

116.6880, 50.4398,
15.1826

■ 133.7880, 42.0095,
12.4639

■ 150.3010, 33.8686,
10.2600

■ 167.4010, 25.4383,
7.5413

■ 184.8000, 16.8606,
5.4374

■ 201.9000, 8.4303,
2.7187

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



47.9890, 84.3084, 25.4426



72.4710, 33.2918, 102.1959

Triad

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



47.9890, 84.3084, 25.4426



63.2800, -31.1970, 66.4064



70.1000, 14.7407, -61.4777

Complementary

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



47.9890, 84.3084, 25.4426



171.0110, -84.3084, -25.4426

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.



56.9390, -28.0709, -49.9355



47.9890, 84.3084, 25.4426



65.8080, -32.4433, -0.7086

Square

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



47.9890, 84.3084, 25.4426



56.8100, -28.0073, 116.8076



54.5910, -26.9134, -47.8763



82.0070, 52.7475, -71.9201

Rectangle

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



47.9890, 84.3084, 25.4426



72.3230, 4.2778, 121.6197



54.5910, -26.9134, -47.8763



65.8650, 1.0526, -57.7636

Sweetspot

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



47.9890, 84.3084, 25.4426



195.4380, 29.3641, 8.3859



108.3200, 54.5652, -94.9966



92.0280, 17.7342, 5.2374



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.



47.9890, 84.3084, 25.4426



55.9800, 98.1169, 29.8355



80.5800, 68.2411, 92.4533



101.4500, 4.2151, 1.3593



37.9610, 66.5742, 20.2052



10.0280, 17.7342, 5.2374

Inverse Universe

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



81.6690, 29.7432, 120.4393



95.0550, 34.4829, 140.2718



138.4200, -68.2411, -92.4533



103.0870, 1.4361, 6.0627



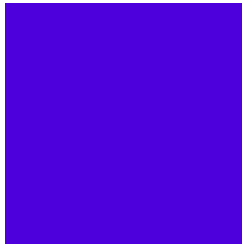
64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 47.9890, 84.3084, 25.4426 looks on a white background.

Color Contrast Check

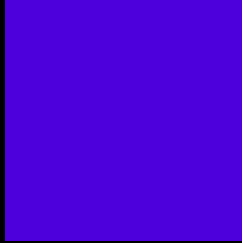
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9890, 84.3084, 25.4426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

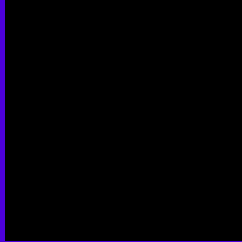
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9890, 84.3084, 25.4426

Background



This preview shows how black text looks on a background with the YUV color 47.9890, 84.3084, 25.4426.



This preview shows how white text looks on a background with the YUV color 47.9890, 84.3084,

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

59.5920, 45.5571, -52.2622

Deuteranopia

59.9050, 34.0638, -52.5367

Tritanopia

58.8670, 14.8556, -51.6264

Trichromacy



Protanomaly

55.4380, 59.4371, -24.0631

Deuteranomaly

55.6030, 52.4537, -24.2078

Tritanomaly

54.9870, 39.9394, -23.6676

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.3780, 30.3796, 9.3155

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9890, 84.3084, 25.4426 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(77, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 219)  
}
```

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(77, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 219) }
```

Border

The CSS property to change the border of an element to YUV 47.9890, 84.3084, 25.4426 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(77, 0, 219) }
```

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

```
.border{ border-color:rgb(77, 0, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(77, 0, 219)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.9890, 84.3084, 25.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 219) }
```

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

```
.background{ background-color: rgb(77, 0,  
219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor