

Converting Colors

YUV(99.8540, 41.9770, 22.9300)

Have a look what the booklet for
YUV(99.8540, 41.9770, 22.9300)
contains.

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Color

**YUV(99.8540, 41.9770,
22.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	7E46B9
RGB	126, 70, 185
RGB Percent	49%, 27%, 73%
CMY	0.5059, 0.7255, 0.2745
CMYK	0.32, 0.62, 0.00, 0.27
HSL	269°, 45%, 50%
HSV	269°, 62%, 73%
XYZ	19.5513, 12.3187, 47.2462
YIQ	99.8540, -3.5390, 47.6370

Conversions

Conversions Part 2

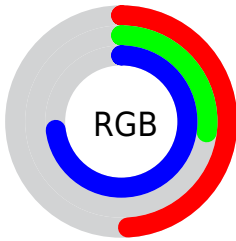
Format	Color
RYB	126, 70, 185
Decimal	8275641
CIELab	41.72, 46.37, -51.90
CIElCh	42, 69.596, 311.779
Yxy	12.3187, 0.2471, 0.1557
Android (android.graphics.Color)	4286465721 (0xFF7E46B9)
YUV	99.8540, 41.9770, 22.9300
Hunter-Lab	35.0980, 38.0116, -55.2429

Details

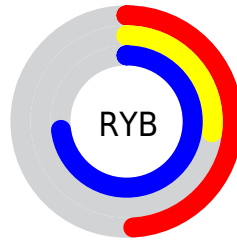
The YUV color **99.8540, 41.9770, 22.9300** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **155.1460, -41.9770, -22.9300**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0330, 43.8607, 25.4041**, and **47.3160, 41.2562, 20.7709** is the 20% darker color. If you saturate the color by 10%, you get **86.5970, 48.5127, 26.6634**, and if you desaturate by 10%, it is **113.6980, 35.1519, 18.6819**.

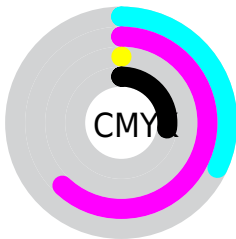
Distribution



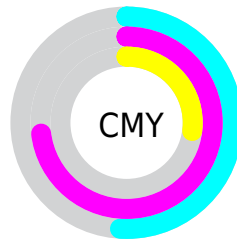
- Red (49%)
- Green (27%)
- Blue (73%)



- Red (49%)
- Yellow (27%)
- Blue (73%)



- Cyan (32%)
- Magenta (62%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8540, 41.9770, 22.9300 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 99.8540, 41.9770, 22.9300 by changing the saturation by 10% instead.

■ 99.8540, 41.9770,
22.9300

■ 99.8540, 41.9770,
22.9300

■ 255.0000, 0.0000,
0.0000

■ 74.0280, 41.3982,
21.9004

■ 153.0330, 43.8607,
25.4041

■ 47.3160, 41.2562,
20.7709

■ 179.0350, 37.4507,
28.0333

■ 24.8270, 39.5253,
15.9377

■ 203.5550, 25.3624,
31.9623

■ 13.6050, 32.7327,
1.2234

■ 224.4760, 15.0483,
26.7695

■ 6.3840, 24.4607,
-5.5988

■ 240.9120, 6.9454,
12.3552

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 99.8540, 41.9770,
22.9300

■ 99.8540, 41.9770,
22.9300

■ 86.5970, 48.5127,
26.6634

■ 113.6980, 35.1519,
18.6819

■ 72.4540, 55.4852,
30.2968

■ 127.2540, 28.4688,
15.5632

■ 58.6100, 62.3103,
34.5450

■ 141.0980, 21.6437,
11.3151

■ 48.0000, 67.5410,
36.8340

■ 154.6540, 14.9606,
8.1964

■ 168.4980, 8.1355,
3.9483

■ 182.0540, 1.4524,
0.8296

■ 195.8980, -5.3727,
-3.4185

■ 209.4540,
-12.0558, -6.5372

■ 223.2980,
-18.8809, -10.7853

Harmonies

Analogous

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



82.2810, 63.9515, -72.1604



99.8540, 41.9770, 22.9300



85.1730, 25.0577, 83.1633

Triad

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



99.8540, 41.9770, 22.9300



92.3860, -45.5463, 48.7735



85.2940, 17.1101, -74.8028

Complementary

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



99.8540, 41.9770, 22.9300



155.1460, -41.9770, -22.9300

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.



77.2800, -8.5190, -67.7746



99.8540, 41.9770, 22.9300



90.3610, -44.5480, 8.4534

Square

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



99.8540, 41.9770, 22.9300



86.2760, -31.6881, 83.9499



73.7840, -36.3755, -46.2916



90.8630, 40.9865, -79.6869

Rectangle

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



99.8540, 41.9770, 22.9300



69.4770, 14.0618, 110.0837



73.7840, -36.3755, -46.2916



83.0140, 8.3741, -72.8033

Sweetspot

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



99.8540, 41.9770, 22.9300



205.8220, 16.8498, 8.9261



117.7430, 33.1577, -41.8706



99.3780, 10.1666, 5.8075



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



99.8540, 41.9770, 22.9300



106.5330, 65.7992, 35.4896



116.8970, 33.5748, 57.9723



85.2220, 3.3416, 1.5593



40.5080, 56.9376, 31.1265



7.3780, 10.1666, 5.8075

Inverse Universe

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



111.1110, 8.8193, 64.8007



124.3080, 13.6522, 101.4619



138.1030, -33.5748, -57.9723



86.1470, 0.4205, 5.1331



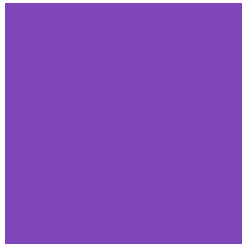
55.7640, 11.9483, 87.9070



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 99.8540, 41.9770, 22.9300 looks on a white background.

Color Contrast Check

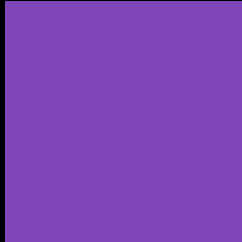
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.8540, 41.9770, 22.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

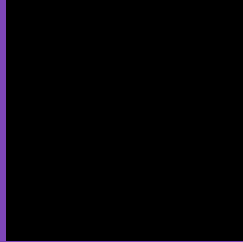
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8540, 41.9770, 22.9300

Background



This preview shows how black text looks on a background with the YUV color 99.8540, 41.9770, 22.9300.



This preview shows how white text looks on a background with the YUV color 99.8540, 41.9770,

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

99.8540, 41.9770, 22.9300

Protanopia

78.7930, 60.7411, -69.1015

Deuteranopia

78.9920, 48.8109, -69.2760



Tritanopia

99.6960, 1.1359, 9.0366

Trichromacy



Original Color

99.8540, 41.9770, 22.9300

Protanomaly

86.5800, 53.9441, -35.5887

Deuteranomaly

86.6310, 46.5239, -35.6334

Tritanomaly

99.6270, 15.9599, 14.3591

Monochromacy



Original Color

99.8540, 41.9770, 22.9300

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7680, 15.3974, 8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8540, 41.9770, 22.9300 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(126, 70, 185)` looks like.

```
.text, #text, p{  
    color:rgb(126, 70, 185)  
}
```

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(126, 70, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 70, 185) }
```

Border

The CSS property to change the border of an element to YUV 99.8540, 41.9770, 22.9300 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(126, 70, 185) }
```


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

```
.border{ border-color:rgb(126, 70, 185) }
```

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

Here you see how a box with a 4 pixel rgb(126, 70, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 70, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 70, 185);  
box-shadow:4px 4px 4px 4px rgb(126, 70,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 99.8540, 41.9770, 22.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 70, 185) }
```

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

```
.background{ background-color: rgb(126, 70,  
185) }
```

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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