

Converting Colors

YUV(44.9520, 63.6207, 34.2451)

Have a look what the booklet for
YUV(44.9520, 63.6207, 34.2451)
contains.

YUV(44.9520, 63.6207, 34.2451)	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(44.9520, 63.6207,
34.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	5400AE
RGB	84, 0, 174
RGB Percent	33%, 0%, 68%
CMY	0.6706, 1.0000, 0.3176
CMYK	0.52, 1.00, 0.00, 0.32
HSL	269°, 100%, 34%
HSV	269°, 100%, 68%
XYZ	11.2961, 4.9408, 40.4027
YIQ	44.9520, -5.7900, 71.9220

Conversions

Conversions Part 2

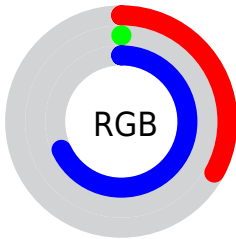
Format	Color
R _{YB}	84, 0, 174
Decimal	5505198
CIE Lab	26.57, 62.36, -70.33
CIE LCh	27, 93.994, 311.562
Yxy	4.9408, 0.1994, 0.0872
Android (android.graphics.Color)	4283695278 (0xFF5400AE)
YUV	44.9520, 63.6207, 34.2451
Hunter-Lab	22.2279, 51.8140, -92.2092

Details

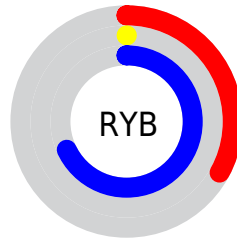
The YUV color **44.9520, 63.6207, 34.2451** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **129.0480, -63.6207, -34.2451**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7190, 60.2845, 30.9414**, and **14.2780, 52.1209, -10.7678** is the 20% darker color. If you saturate the color by 10%, you get **44.9520, 63.6207, 34.2451**, and if you desaturate by 10%, it is **57.6220, 57.3744, 31.0265**.

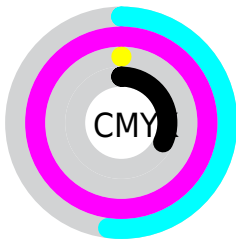
Distribution



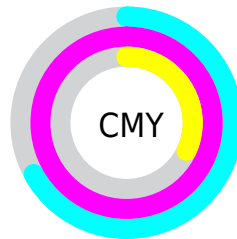
- Red (33%)
- Green (0%)
- Blue (68%)



- Red (33%)
- Yellow (0%)
- Blue (68%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (67%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.9520, 63.6207, 34.2451 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 44.9520, 63.6207, 34.2451 by changing the saturation by 10% instead.

■ 44.9520, 63.6207,
34.2451

■ 44.9520, 63.6207,
34.2451

■ 255.0000, 0.0000,
0.0000

■ 32.3060, 56.5441,
17.2716

■ 108.7190, 60.2845,
30.9414

■ 14.2780, 52.1209,
-10.7678

■ 135.9750, 58.6793,
32.4709

■ 10.7160, 41.0590,
-9.3979

■ 160.7940, 46.4436,
37.0147

■ 10.2140, 28.9815,
-8.9577

■ 186.2000, 33.9184,
41.0436

■ 7.5920, 18.9351,
-6.6582

■ 208.6270, 22.8619,
40.6691

■ 3.3230, 10.1938,
-2.9143

■ 225.6500, 14.4696,

■ 0.0000, 0.0000,

25.7400

0.0000

■ 242.6730, 6.0772,
10.8108

■ 44.9520, 63.6207,
34.2451

■ 57.6220, 57.3744,
31.0265

■ 70.8790, 50.8387,
27.2931

■ 83.5490, 44.5923,
24.0745

■ 96.8060, 38.0566,
20.3411

■ 109.4760, 31.8103,
17.1225

■ 122.1460, 25.5640,
13.9040

■ 135.4030, 19.0283,
10.1706

■ 148.0730, 12.7820,
6.9520

■ 161.3300, 6.2463,
3.2186

Harmonies

Analogous

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



63.8560, 72.0490, -56.0017



44.9520, 63.6207, 34.2451



60.0810, 24.6101, 86.7520

Triad

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



44.9520, 63.6207, 34.2451



56.9680, -28.0852, 48.2631



60.1550, 14.7136, -52.7559

Complementary

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



44.9520, 63.6207, 34.2451



129.0480, -63.6207, -34.2451

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.



49.5190, -20.9619, -43.4282



44.9520, 63.6207, 34.2451



56.0510, -27.6331, -3.5527

Square

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



44.9520, 63.6207, 34.2451



46.3450, -22.8481, 95.2904



46.9600, -23.1513, -41.1839



69.3090, 44.7107, -60.7840

Rectangle

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



44.9520, 63.6207, 34.2451



59.5070, 1.7220, 101.2874



46.9600, -23.1513, -41.1839



57.3050, 3.7936, -50.2565

Sweetspot

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



44.9520, 63.6207, 34.2451



176.6190, 24.8378, 13.4891



74.4270, 49.0895, -65.2725



83.7680, 15.3974, 8.0965



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



44.9520, 63.6207, 34.2451



58.7680, 82.9384, 44.9305



70.0680, 51.2385, 85.8864



80.2220, 3.3416, 1.5593



38.9270, 54.7590, 29.8820



5.9110, 8.4249, 4.4631

Inverse Universe

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



62.2860, 13.6630, 97.9732



81.2110, 17.6440, 127.8570



103.9320, -51.2385, -85.8864



81.2610, 0.8573, 5.0331



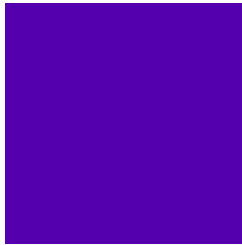
53.7420, 11.9592, 84.4183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 44.9520, 63.6207, 34.2451 looks on a white background.

Color Contrast Check

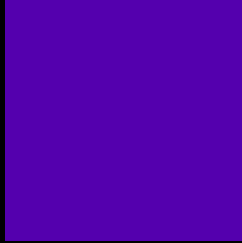
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9520, 63.6207, 34.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

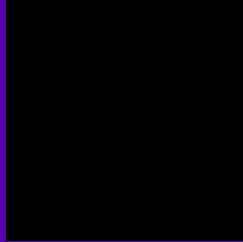
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.9520, 63.6207, 34.2451

Background



This preview shows how black text looks on a background with the YUV color 44.9520, 63.6207, 34.2451.



This preview shows how white text looks on a background with the YUV color 44.9520, 63.6207,

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

52.1430, 39.8625, -45.7294

Deuteranopia

52.9120, 30.1164, -46.4038

Tritanopia

64.3840, 4.2477, -9.1068

Trichromacy



Protanomaly

49.6210, 48.5008, -16.3306

Deuteranomaly

50.0140, 42.3911, -16.6753

Tritanomaly

57.2160, 26.0225, 6.8266

Monochromacy



Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.1520, 23.0961, 12.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9520, 63.6207, 34.2451 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(84, 0, 174)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 174)  
}
```

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(84, 0, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 174) }
```

Border

The CSS property to change the border of an element to YUV 44.9520, 63.6207, 34.2451 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(84, 0, 174) }
```

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

```
.border{ border-color:rgb(84, 0, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 0, 174);  
box-shadow:4px 4px 4px 4px rgb(84, 0, 174)  
}
```


Background

The CSS property to change the background color of an element to YUV 44.9520, 63.6207, 34.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 174) }
```

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

```
.background{ background-color: rgb(84, 0,  
174) }
```

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