

Converting Colors

YUV(41.3470, 51.1009, 36.5297)

Have a look what the booklet for
YUV(41.3470, 51.1009, 36.5297)
contains.

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Color

**YUV(41.3470, 51.1009,
36.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	530091
RGB	83, 0, 145
RGB Percent	33%, 0%, 57%
CMY	0.6745, 1.0000, 0.4314
CMYK	0.43, 1.00, 0.00, 0.43
HSL	274°, 100%, 28%
HSV	274°, 100%, 57%
XYZ	8.6781, 3.8833, 27.0802
YIQ	41.3470, 2.9230, 62.6910

Conversions

Conversions Part 2

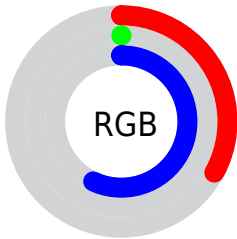
Format	Color
R_{YB}	83, 0, 145
Decimal	5439633
CIE Lab	23.28, 55.83, -58.05
CIE LCh	23, 80.537, 313.883
Yxy	3.8833, 0.2189, 0.0980
Android (android.graphics.Color)	4283629713 (0xFF530091)
YUV	41.3470, 51.1009, 36.5297
Hunter-Lab	19.7062, 44.1212, -67.6820

Details

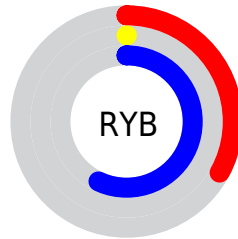
The YUV color **41.3470, 51.1009, 36.5297** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **103.6530, -51.1009, -36.5297**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9290, 48.3490, 32.5113**, and **17.7780, 37.0844, 5.4567** is the 20% darker color. If you saturate the color by 10%, you get **41.3470, 51.1009, 36.5297**, and if you desaturate by 10%, it is **51.3590, 46.1650, 33.0112**.

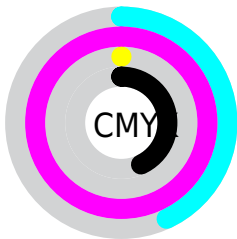
Distribution



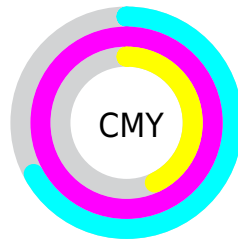
- Red (33%)
- Green (0%)
- Blue (57%)



- Red (33%)
- Yellow (0%)
- Blue (57%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (67%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3470, 51.1009, 36.5297 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 41.3470, 51.1009, 36.5297 by changing the saturation by 10% instead.

41.3470, 51.1009,
36.5297

41.3470, 51.1009,
36.5297

255.0000, 0.0000,
0.0000

29.7120, 44.0190,
21.3006

101.9290, 48.3490,
32.5113

17.7780, 37.0844,
5.4567

129.1680, 49.2172,
34.0557

7.8660, 30.1391,
-6.8985

156.6520, 48.4856,
35.3852

6.8910, 18.7877,
-6.0434

181.1720, 36.3972,
39.3142

3.3230, 10.1938,
-2.9143

206.2790, 24.0195,
42.7283

0.0000, 0.0000,
0.0000

222.7150, 15.9165,

28.3139

■ 239.1510, 7.8136,
13.8996

■ 41.3470, 51.1009,
36.5297

■ 51.3590, 46.1650,
33.0112

■ 61.9580, 40.9397,
28.9778

■ 72.8560, 35.5670,
25.5593

■ 82.8680, 30.6311,
22.0408

■ 93.4670, 25.4058,
18.0074

■ 103.4790, 20.4699,
14.4889

■ 114.0780, 15.2445,
10.4556

■ 124.3890, 10.1612,
7.5518

■ 134.9880, 4.9359,
3.5185

Harmonies

Analogous

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



53.6370, 60.8180, -47.0396



41.3470, 51.1009, 36.5297



52.2340, 19.1116, 76.9708

Triad

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



41.3470, 51.1009, 36.5297



51.8850, -25.5793, 37.8119



54.0740, 14.2605, -47.4229

Complementary

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



41.3470, 51.1009, 36.5297



103.6530, -51.1009, -36.5297

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.



45.4900, -13.5526, -39.8947



41.3470, 51.1009, 36.5297



48.9520, -24.1333, -6.0969

Square

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



41.3470, 51.1009, 36.5297



39.4680, -19.4577, 81.1506



41.0900, -20.2574, -36.0359



61.1590, 38.8686, -53.6364

Rectangle

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



41.3470, 51.1009, 36.5297



50.9630, 0.0182, 87.7324



41.0900, -20.2574, -36.0359



51.0930, 5.3772, -44.8086

Sweetspot

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



41.3470, 51.1009, 36.5297



148.0660, 20.1805, 13.9741



53.5110, 45.1041, -46.9291



69.8560, 11.9030, 8.8963



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



41.3470, 51.1009, 36.5297



53.8380, 66.6349, 47.5001



58.7450, 37.5937, 75.6456



65.9940, 2.4680, 1.7593



38.4130, 47.6174, 33.8408



2.1080, 2.9048, 1.6593

Inverse Universe

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



50.4230, 5.7075, 82.9440



65.7450, 7.5207, 108.0946



86.2550, -37.5937, -75.6456



66.4350, 0.2785, 4.0035



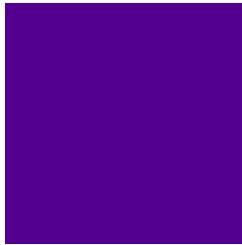
46.9770, 5.4343, 77.1962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 41.3470, 51.1009, 36.5297 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 41.3470, 51.1009, 36.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

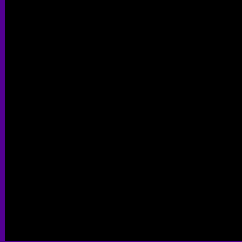
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3470, 51.1009, 36.5297

Background



This preview shows how black text looks on a background with the YUV color 41.3470, 51.1009, 36.5297.



This preview shows how white text looks on a background with the YUV color 41.3470, 51.1009,

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

47.0250, 35.4837, -41.2409

Deuteranopia

46.8480, 27.1899, -41.0857

Tritanopia

59.5490, 0.7153, 3.9035

Trichromacy



Protanomaly

44.6940, 41.0699, -12.8866

Deuteranomaly

44.7280, 36.1231, -12.9165

Tritanomaly

52.8490, 19.3014, 15.9184

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0120, 18.7281, 13.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3470, 51.1009, 36.5297 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(83, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 145)  
}
```

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(83, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 145) }
```

Border

The CSS property to change the border of an element to YUV 41.3470, 51.1009, 36.5297 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(83, 0, 145) }
```

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

```
.border{ border-color:rgb(83, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(83, 0, 145)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.3470, 51.1009, 36.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 145) }
```

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

```
.background{ background-color: rgb(83, 0,  
145) }
```

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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