

Converting Colors

YUV(43.5590, 2.6824, 73.1778)

Have a look what the booklet for
YUV(43.5590, 2.6824, 73.1778)
contains.

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Color

**YUV(43.5590, 2.6824,
73.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0031
RGB	127, 0, 49
RGB Percent	50%, 0%, 19%
CMY	0.5020, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.61, 0.50
HSL	337°, 100%, 25%
HSV	337°, 100%, 50%
XYZ	9.3068, 4.7338, 3.3289
YIQ	43.5590, 59.9630, 42.1630

Conversions

Conversions Part 2

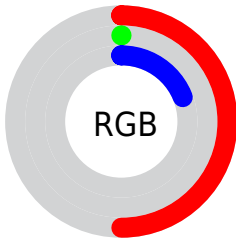
Format	Color
RYB	127, 0, 49
Decimal	8323121
CIELab	25.96, 49.58, 9.81
CIElCh	26, 50.546, 11.192
Yxy	4.7338, 0.5358, 0.2725
Android (android.graphics.Color)	4286513201 (0xFF7F0031)
YUV	43.5590, 2.6824, 73.1778
Hunter-Lab	21.7572, 38.2791, 6.1585

Details

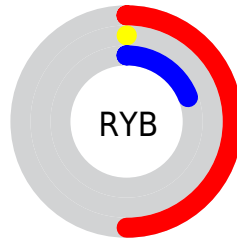
The YUV color **43.5590, 2.6824, 73.1778** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **83.4410, -2.6824, -73.1778**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0610, -5.4531, 69.2295**, and **21.3430, -10.0291, 43.5492** is the 20% darker color. If you saturate the color by 10%, you get **43.5590, 2.6824, 73.1778**, and if you desaturate by 10%, it is **52.1020, 2.4147, 65.6855**.

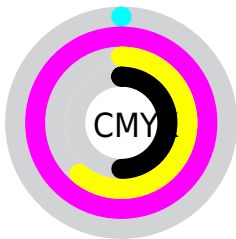
Distribution



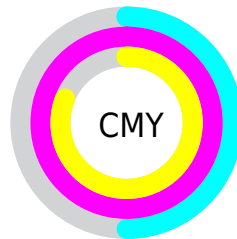
- Red (50%)
- Green (0%)
- Blue (19%)



- Red (50%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.5590, 2.6824, 73.1778 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 43.5590, 2.6824, 73.1778 by changing the saturation by 10% instead.

43.5590, 2.6824,
73.1778

43.5590, 2.6824,
73.1778

255.0000, 0.0000,
0.0000

32.7930, -2.3629,
58.0635

106.0610, -5.4531,
69.2295

21.3430, -10.0291,
43.5492

133.6160, -7.2057,
71.3738

13.2700, -6.0491,
26.9502

160.8120, -7.7953,
73.8329

0.0000, 0.0000,
0.0000

183.2020, -6.0156,
62.9668

202.8300, -1.8882,
45.7531

222.4580, 2.2392,

28.5393

■ 242.6730, 6.0772,
10.8108

■ 43.5590, 2.6824,
73.1778

■ 52.1020, 2.4147,
65.6855

■ 60.0580, 2.4364,
58.7081

■ 68.4870, 1.7319,
51.3159

■ 77.0300, 1.4642,
43.8237

■ 85.5730, 1.1965,
36.3315

■ 93.5290, 1.2182,
29.3541

■ 102.0720, 0.9505,
21.8619

■ 110.5010, 0.2460,
14.4696

■ 118.4570, 0.2677,
7.4922

Harmonies

Analogous

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



52.8200, 16.8507, 55.4089



43.5590, 2.6824, 73.1778



52.9720, -20.6922, 57.0296

Triad

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



43.5590, 2.6824, 73.1778



46.1510, -22.7524, -29.0734



58.2410, 37.8422, -51.0774

Complementary

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



43.5590, 2.6824, 73.1778



83.4410, -2.6824, -73.1778

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.



57.9670, 26.6383, -50.8371



43.5590, 2.6824, 73.1778



48.6020, -6.7058, -42.6240

Square

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



43.5590, 2.6824, 73.1778



56.7040, -27.9551, 6.3986



54.3360, 10.1874, -47.6527



52.1260, 42.3359, -45.7145

Rectangle

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



43.5590, 2.6824, 73.1778



57.2230, -28.2109, 41.9004



54.3360, 10.1874, -47.6527



58.7310, 34.6426, -51.5071

Sweetspot

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



43.5590, 2.6824, 73.1778



133.1160, 0.9288, 28.8393



37.2020, 44.2704, 34.0258



64.3380, 0.8194, 17.2436



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



43.5590, 2.6824, 73.1778



56.9300, 3.4855, 95.6544



45.6040, -22.4828, 71.3843



59.4350, 0.2785, 4.0035



43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Inverse Universe

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



43.5590, 2.6824, 73.1778



56.9300, 3.4855, 95.6544



81.3960, 22.4828, -71.3843



59.4350, 0.2785, 4.0035



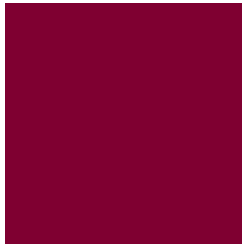
43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 43.5590, 2.6824, 73.1778 looks on a white background.

Color Contrast Check

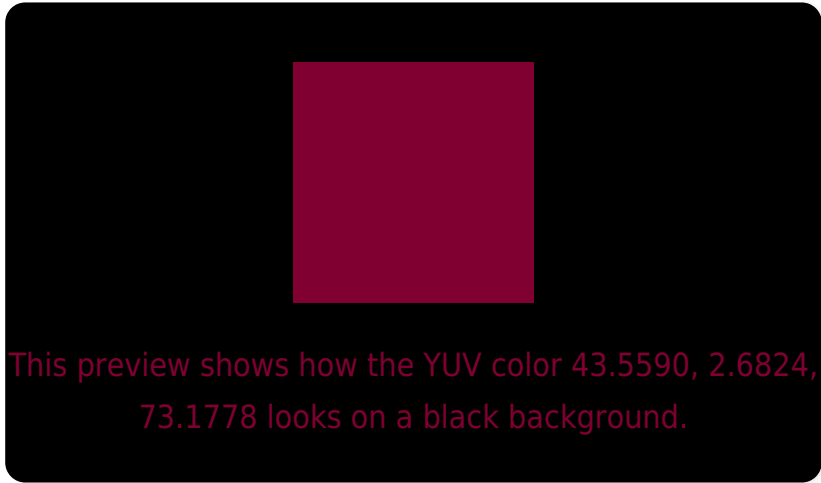
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

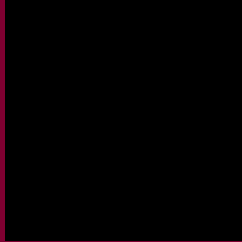
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.5590, 2.6824, 73.1778

Background



This preview shows how black text looks on a background with the YUV color 43.5590, 2.6824, 73.1778.



This preview shows how white text looks on a background with the YUV color 43.5590, 2.6824,

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

43.5590, 2.6824, 73.1778

Protanopia

65.4990, 3.2050, -1.3146

Deuteranopia

64.7320, -10.2209, 11.6360



Tritanopia

51.4660, -16.4987, 65.3663

Trichromacy



Original Color

43.5590, 2.6824, 73.1778

Protanomaly

57.3760, 3.2656, 25.9802

Deuteranomaly

56.8410, -5.3446, 34.3424

Tritanomaly

48.6110, -9.6682, 67.8702

Monochromacy



Original Color

43.5590, 2.6824, 73.1778

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8060, 1.0816, 26.4801

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.5590, 2.6824, 73.1778 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(127, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 49)  
}
```

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(127, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 49) }
```

Border

The CSS property to change the border of an element to YUV 43.5590, 2.6824, 73.1778 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(127, 0, 49) }
```


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

```
.border{ border-color:rgb(127, 0, 49) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(127, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.5590, 2.6824, 73.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 49) }
```

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

```
.background{ background-color: rgb(127, 0,  
49) }
```

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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