

Converting Colors

YUV(44.5570, 9.0924, 70.5485)

Have a look what the booklet for
YUV(44.5570, 9.0924, 70.5485)
contains.

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Color

**YUV(44.5570, 9.0924,
70.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	7D003F
RGB	125, 0, 63
RGB Percent	49%, 0%, 25%
CMY	0.5098, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.50, 0.51
HSL	330°, 100%, 25%
HSV	330°, 100%, 49%
XYZ	9.3547, 4.7189, 5.1204
YIQ	44.5570, 54.2770, 46.0930

Conversions

Conversions Part 2

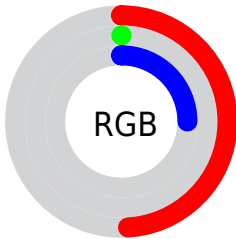
Format	Color
RYB	125, 0, 63
Decimal	8192063
CIELab	25.92, 50.17, 0.08
CIELCh	26, 50.169, 0.094
Yxy	4.7189, 0.4874, 0.2459
Android (android.graphics.Color)	4286382143 (0xFF7D003F)
YUV	44.5570, 9.0924, 70.5485
Hunter-Lab	21.7229, 38.8532, 1.2305

Details

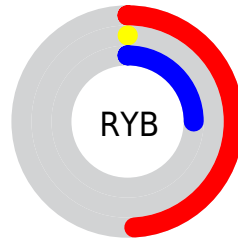
The YUV color **44.5570, 9.0924, 70.5485** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **80.4430, -9.0924, -70.5485**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.8740, 1.5411, 65.8855**, and **23.3240, -1.1457, 40.9349** is the 20% darker color. If you saturate the color by 10%, you get **44.5570, 9.0924, 70.5485**, and if you desaturate by 10%, it is **52.2850, 8.2405, 63.7711**.

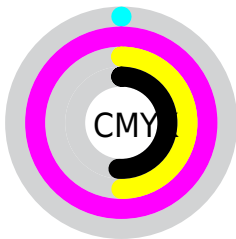
Distribution



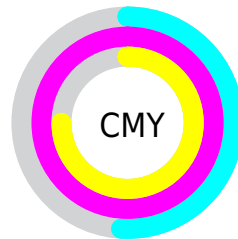
- Red (49%)
- Green (0%)
- Blue (25%)



- Red (49%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.5570, 9.0924, 70.5485 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 44.5570, 9.0924, 70.5485 by changing the saturation by 10% instead.

44.5570, 9.0924,
70.5485

44.5570, 9.0924,
70.5485

255.0000, 0.0000,
0.0000

33.6770, 3.6102,
55.5343

106.8740, 1.5411,
65.8855

23.3240, -1.1457,
40.9349

134.6570, 0.6621,
67.8298

13.5690, -6.1965,
27.5650

162.1410, -0.0695,
69.1593

0.0000, 0.0000,
0.0000

185.2540, 1.8468,
61.1672

204.8820, 5.9742,
43.9535

224.5100, 10.1016,


26.7397


 242.6730, 6.0772,
10.8108


 44.5570, 9.0924,
70.5485

 52.2850, 8.2405,
63.7711

 60.6000, 7.0992,
56.4788

 69.0290, 6.3947,
49.0866

 76.7570, 5.5428,
42.3091

 85.0720, 4.4015,
35.0169

■ 92.8000, 3.5496,
28.2394

■ 100.5280, 2.6977,
21.4619

■ 108.9570, 1.9932,
14.0697

■ 117.2720, 0.8519,
6.7775

Harmonies

Analogous

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



58.6440, 20.3885, 40.6542



44.5570, 9.0924, 70.5485



50.3070, -11.9834, 63.7518

Triad

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



44.5570, 9.0924, 70.5485



52.4520, -25.8588, -12.6744



58.6170, 34.2058, -51.4071

Complementary

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



44.5570, 9.0924, 70.5485



80.4430, -9.0924, -70.5485

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.



56.4850, 20.9599, -49.5373



44.5570, 9.0924, 70.5485



46.1910, -13.4052, -40.5095

Square

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



44.5570, 9.0924, 70.5485



57.9440, -28.5664, 15.8351



52.0390, 3.9248, -45.6382



55.1750, 41.3257, -48.3885

Rectangle

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



44.5570, 9.0924, 70.5485



54.6200, -26.9277, 50.3223



52.0390, 3.9248, -45.6382



58.2920, 30.4220, -51.1221

Sweetspot

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



44.5570, 9.0924, 70.5485



131.5010, 3.6970, 27.6246



32.1900, 45.7553, 24.3894



62.6800, 2.1298, 16.9436



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



44.5570, 9.0924, 70.5485



58.0850, 11.7901, 92.0105



37.6030, -17.5523, 76.6472



59.5490, 0.7153, 3.9035



45.5680, 9.0870, 72.2929



0.0000, 0.0000, 0.0000

Inverse Universe

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



44.5570, 9.0924, 70.5485



58.0850, 11.7901, 92.0105



87.3970, 17.5523, -76.6472



59.5490, 0.7153, 3.9035



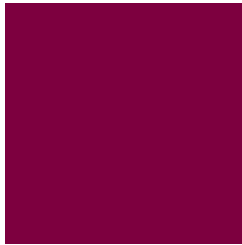
45.5680, 9.0870, 72.2929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 44.5570, 9.0924, 70.5485 looks on a white background.

Color Contrast Check

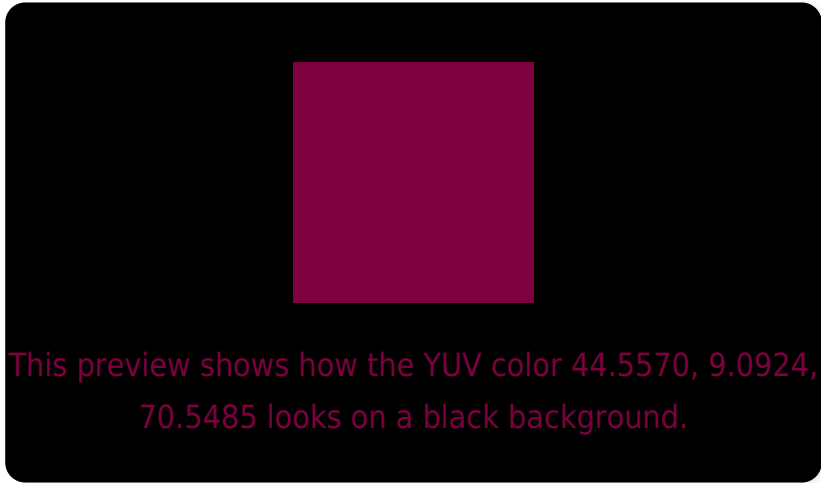
Large Text (above 18pt) WCAG AA ✓ Pass

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

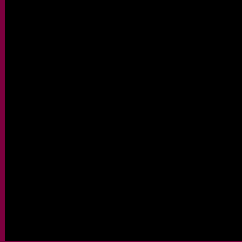
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.5570, 9.0924, 70.5485

Background



This preview shows how black text looks on a background with the YUV color 44.5570, 9.0924, 70.5485.



This preview shows how white text looks on a background with the YUV color 44.5570, 9.0924, 70.5485.

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

44.5570, 9.0924, 70.5485

Protanopia

64.9850, 12.8254, -7.0028

Deuteranopia

65.7190, -3.8055, 7.2624



Tritanopia

54.3020, -14.4459, 60.2481

Trichromacy



Original Color

44.5570, 9.0924, 70.5485

Protanomaly

57.8190, 11.4282, 21.2067

Deuteranomaly

58.1270, 0.9234, 30.5836

Tritanomaly

50.9140, -5.8736, 64.0964

Monochromacy



Original Color

44.5570, 9.0924, 70.5485

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0770, 3.4130, 25.3655

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.5570, 9.0924, 70.5485 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(125, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 63)  
}
```

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(125, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 63) }
```

Border

The CSS property to change the border of an element to YUV 44.5570, 9.0924, 70.5485 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(125, 0, 63) }
```


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

```
.border{ border-color:rgb(125, 0, 63) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 63);  
box-shadow:4px 4px 4px 4px rgb(125, 0, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.5570, 9.0924, 70.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 63) }
```

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

```
.background{ background-color: rgb(125, 0,  
63) }
```

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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