

Converting Colors

YUV(70.1510, 45.2816, 83.1826)

Have a look what the booklet for
YUV(70.1510, 45.2816, 83.1826)
contains.

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Color

**YUV(70.1510, 45.2816,
83.1826)**

Conversions

Conversions Part 1

Format	Color
Hex	A504A2
RGB	165, 4, 162
RGB Percent	65%, 2%, 64%
CMY	0.3529, 0.9843, 0.3647
CMYK	0.00, 0.98, 0.02, 0.35
HSL	301°, 95%, 33%
HSV	301°, 98%, 65%
XYZ	22.0821, 10.6948, 35.0829
YIQ	70.1510, 45.2380, 83.2700

Conversions

Conversions Part 2

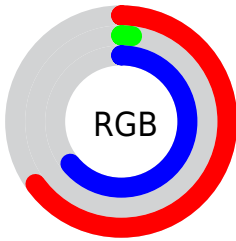
Format	Color
RYB	165, 4, 162
Decimal	10814626
CIELab	39.06, 70.04, -42.18
CIElCh	39, 81.761, 328.944
Yxy	10.6948, 0.3254, 0.1576
Android (android.graphics.Color)	4289004706 (0xFFA504A2)
YUV	70.1510, 45.2816, 83.1826
Hunter-Lab	32.7029, 63.2989, -40.7128

Details

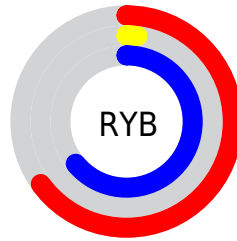
The YUV color **70.1510, 45.2816, 83.1826** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **98.8490, -45.2816, -83.1826**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0220, 37.4572, 72.7717**, and **44.8320, 32.1278, 55.3983** is the 20% darker color. If you saturate the color by 10%, you get **67.8030, 46.4391, 85.2418**, and if you desaturate by 10%, it is **80.1300, 40.3619, 74.4310**.

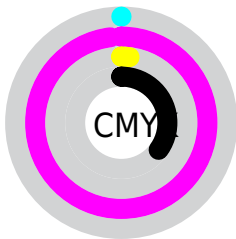
Distribution



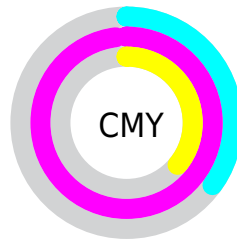
- Red (65%)
- Green (2%)
- Blue (64%)



- Red (65%)
- Yellow (2%)
- Blue (64%)



- Cyan (0%)
- Magenta (98%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (98%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1510, 45.2816, 83.1826 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 70.1510, 45.2816, 83.1826 by changing the saturation by 10% instead.

70.1510, 45.2816,
83.1826

70.1510, 45.2816,
83.1826

255.0000, 0.0000,
0.0000

56.0540, 38.9204,
70.1126

141.0220, 37.4572,
72.7717

44.8320, 32.1278,
55.3983

170.3210, 37.3097,
73.3865

33.9090, 25.1879,
41.2988

188.0820, 32.9906,
58.6871

23.6980, 18.3899,
28.3289

205.1050, 24.5982,
43.7579

11.5080, 13.0606,
10.9555

222.1280, 16.2059,
28.8287

2.1830, 5.8258,
-1.9145

239.7380, 7.5242,

0.0000, 0.0000,

13.3848

0.0000

■ 70.1510, 45.2816,
83.1826

■ 70.1510, 45.2816,
83.1826

■ 67.8030, 46.4391,
85.2418

■ 80.1300, 40.3619,
74.4310

■ 89.6360, 36.1685,
66.0942

■ 99.0280, 31.5382,
57.8574

■ 109.0070, 26.6185,
49.1059

■ 118.5130, 22.4251,
40.7691

■ 128.4920, 17.5054,
32.0175

■ 137.8840, 12.8752,
23.7807

■ 147.8630, 7.9555,
15.0291

■ 157.3690, 3.7621,
6.6924

Harmonies

Analogous

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



86.0190, 61.6156, -22.8187



70.1510, 45.2816, 83.1826



70.9720, 13.3248, 113.1576

Triad

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



70.1510, 45.2816, 83.1826



86.6280, -42.7076, 24.8822



87.0500, 33.9924, -76.3428

Complementary

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



70.1510, 45.2816, 83.1826



98.8490, -45.2816, -83.1826

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.



78.7110, 4.5795, -69.0295



70.1510, 45.2816, 83.1826



75.6770, -37.3088, -26.9037

Square

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



70.1510, 45.2816, 83.1826



81.9080, -40.3806, 71.9947



67.3740, -31.2434, -59.0870



91.1030, 57.1372, -79.8973

Rectangle

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



70.1510, 45.2816, 83.1826



66.2550, -6.0417, 118.1714



67.3740, -31.2434, -59.0870



84.5420, 24.3828, -74.1433

Sweetspot

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



70.1510, 45.2816, 83.1826



177.4920, 17.5054, 32.0175



23.2510, 69.8823, -14.2521



85.1670, 10.2707, 19.1475



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



70.1510, 45.2816, 83.1826



87.9260, 60.1825, 110.5669



61.0310, 10.3377, 91.1808



76.6030, 2.1677, 4.7332



59.6570, 41.0881, 74.8458



7.4340, 5.2090, 9.2664

Inverse Universe

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



70.1510, 45.2816, 83.1826



87.9260, 60.1825, 110.5669



107.9690, -10.3377, -91.1808



76.6030, 2.1677, 4.7332



59.6570, 41.0881, 74.8458



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 70.1510, 45.2816, 83.1826 looks on a white background.

Color Contrast Check

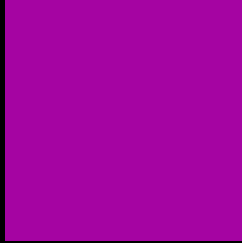
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.1510, 45.2816, 83.1826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

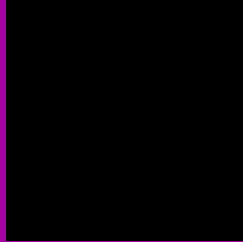
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.1510, 45.2816, 83.1826

Background



This preview shows how black text looks on a background with the YUV color 70.1510, 45.2816, 83.1826.



This preview shows how white text looks on a background with the YUV color 70.1510, 45.2816,

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

70.1510, 45.2816, 83.1826

Protanopia

75.3050, 57.5306, -66.0425

Deuteranopia

91.0330, 30.0567, -27.2159



Tritanopia

91.6650, -11.6668, 55.5448

Trichromacy



Original Color

70.1510, 45.2816, 83.1826



Protanomaly

73.2070, 53.1419, -11.5825



Deuteranomaly

83.4800, 35.7524, 12.7340



Tritanomaly

83.8230, 8.9613, 65.9302

Monochromacy



Original Color

70.1510, 45.2816, 83.1826



Achromatopsia

70.0000, 0.0000, 0.0000



Achromatomaly

70.1390, 16.2005, 30.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1510, 45.2816, 83.1826 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(165, 4, 162)` looks like.

```
.text, #text, p{  
    color:rgb(165, 4, 162)  
}
```

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(165, 4, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 4, 162) }
```

Border

The CSS property to change the border of an element to YUV 70.1510, 45.2816, 83.1826 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(165, 4, 162) }
```


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

```
.border{ border-color:rgb(165, 4, 162) }
```

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

Here you see how a box with a 4 pixel rgb(165, 4, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 4, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 4, 162);  
box-shadow:4px 4px 4px 4px rgb(165, 4,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 70.1510, 45.2816, 83.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 4, 162) }
```

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

```
.background{ background-color: rgb(165, 4,  
162) }
```

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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