

Converting Colors

YUV(66.4930, 46.5920, 82.8826)

Have a look what the booklet for
YUV(66.4930, 46.5920, 82.8826)
contains.

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Color

**YUV(66.4930, 46.5920,
82.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	A100A1
RGB	161, 0, 161
RGB Percent	63%, 0%, 63%
CMY	0.3686, 1.0000, 0.3686
CMYK	0.00, 1.00, 0.00, 0.37
HSL	300°, 100%, 32%
HSV	300°, 100%, 63%
XYZ	21.1310, 10.1503, 34.5637
YIQ	66.4930, 44.2750, 84.2030

Conversions

Conversions Part 2

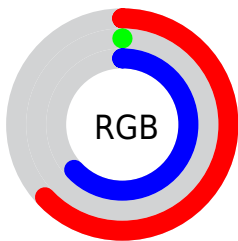
Format	Color
RYB	161, 0, 161
Decimal	10551457
CIELab	38.11, 69.66, -43.14
CIELCh	38, 81.937, 328.233
Yxy	10.1503, 0.3209, 0.1542
Android (android.graphics.Color)	4288741537 (0xFFA100A1)
YUV	66.4930, 46.5920, 82.8826
Hunter-Lab	31.8595, 62.6369, -42.0208

Details

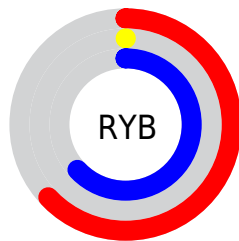
The YUV color **66.4930, 46.5920, 82.8826** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **94.5070, -46.5920, -82.8826**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2390, 38.3362, 70.8274**, and **43.5220, 32.2807, 53.0392** is the 20% darker color. If you saturate the color by 10%, you get **66.4930, 46.5920, 82.8826**, and if you desaturate by 10%, it is **75.8850, 41.9617, 74.6459**.

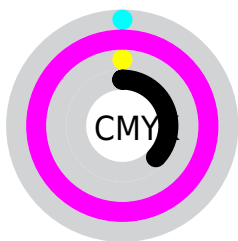
Distribution



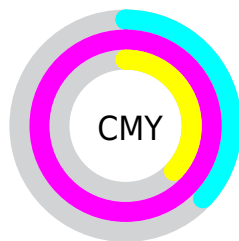
- Red (63%)
- Green (0%)
- Blue (63%)



- Red (63%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4930, 46.5920, 82.8826 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 66.4930, 46.5920, 82.8826 by changing the saturation by 10% instead.

66.4930, 46.5920,
82.8826

66.4930, 46.5920,
82.8826

255.0000, 0.0000,
0.0000

54.7440, 39.0732,
67.7535

138.2390, 38.3362,
70.8274

43.5220, 32.2807,
53.0392

167.5380, 38.1888,
71.4422

32.5990, 25.3407,
38.9397

186.9080, 33.5694,
59.7167

22.3880, 18.5427,
25.9697

203.9310, 25.1770,
44.7875

9.6000, 13.5082,
7.3668

220.9540, 16.7847,
29.8583

2.0690, 5.3890,
-1.8145

238.5640, 8.1029,

0.0000, 0.0000,

14.4144

0.0000

■ 66.4930, 46.5920,
82.8826

■ 75.8850, 41.9617,
74.6459

■ 85.2770, 37.3314,
66.4091

■ 94.6690, 32.7012,
58.1723

■ 104.0610, 28.0709,
49.9355

■ 114.0400, 23.1513,
41.1839

■ 123.4320, 18.5210,
32.9471

■ 132.8240, 13.8908,
24.7104

■ 142.2160, 9.2605,
16.4736

■ 151.6080, 4.6303,
8.2368

Harmonies

Analogous

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



82.2140, 62.5055, -28.2517



66.4930, 46.5920, 82.8826



69.9610, 13.3302, 111.4132

Triad

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



66.4930, 46.5920, 82.8826



84.5680, -41.6920, 25.8119



84.8330, 33.1133, -74.3985

Complementary

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



66.4930, 46.5920, 82.8826



94.5070, -46.5920, -82.8826

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.



76.4940, 3.7005, -67.0852



66.4930, 46.5920, 82.8826



73.6170, -36.2932, -25.9741

Square

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



66.4930, 46.5920, 82.8826



79.2610, -39.0757, 73.4391



65.1570, -32.1224, -57.1427



89.5870, 56.4056, -78.5678

Rectangle

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



66.4930, 46.5920, 82.8826



65.3580, -5.5995, 116.3270



65.1570, -32.1224, -57.1427



82.3250, 23.5038, -72.1990

Sweetspot

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



66.4930, 46.5920, 82.8826



172.0190, 18.2316, 32.4323



18.3540, 70.3245, -16.0965



82.6940, 10.9969, 19.5624



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



66.4930, 46.5920, 82.8826



86.3170, 60.4827, 107.5930



57.3730, 11.6481, 90.8809



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Inverse Universe

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



66.4930, 46.5920, 82.8826



86.3170, 60.4827, 107.5930



103.7410, -11.2113, -90.9809



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 66.4930, 46.5920, 82.8826 looks on a white background.

Color Contrast Check

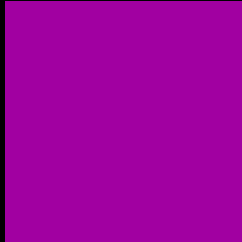
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.4930, 46.5920, 82.8826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

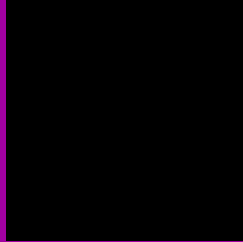
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4930, 46.5920, 82.8826

Background



This preview shows how black text looks on a background with the YUV color 66.4930, 46.5920, 82.8826.

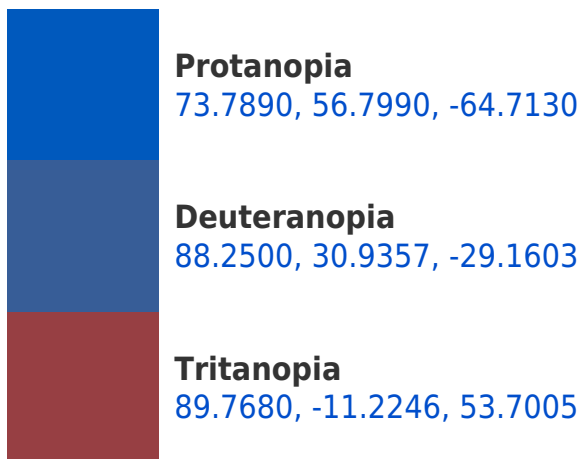


This preview shows how white text looks on a background with the YUV color 66.4930, 46.5920,

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



Trichromacy



Protanomaly

71.5060, 52.9945, -10.9678

Deuteranomaly

80.4090, 36.7734, 11.9193

Tritanomaly

81.3390, 9.6929, 64.6007

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3670, 17.0741, 30.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4930, 46.5920, 82.8826 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(161, 0, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 161)  
}
```

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(161, 0, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 161) }
```

Border

The CSS property to change the border of an element to YUV 66.4930, 46.5920, 82.8826 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(161, 0, 161) }
```

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

```
.border{ border-color:rgb(161, 0, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 0, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 0,  
161) }
```


Background

The CSS property to change the background color of an element to YUV 66.4930, 46.5920, 82.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 161) }
```

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

```
.background{ background-color: rgb(161, 0,  
161) }
```

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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