

Converting Colors

YUV(46.5790, 9.0816, 74.0372)

Have a look what the booklet for
YUV(46.5790, 9.0816, 74.0372)
contains.

YUV(46.5790, 9.0816, 74.0372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(46.5790, 9.0816,
74.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	830041
RGB	131, 0, 65
RGB Percent	51%, 0%, 25%
CMY	0.4863, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.50, 0.49
HSL	330°, 100%, 26%
HSV	330°, 100%, 51%
XYZ	10.3142, 5.2069, 5.4624
YIQ	46.5790, 57.2110, 47.9870

Conversions

Conversions Part 2

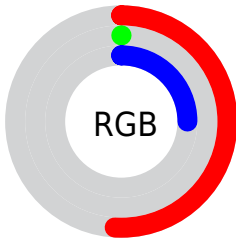
Format	Color
R_{YB}	131, 0, 65
Decimal	8585281
CIE Lab	27.32, 51.78, 0.92
CIE LCh	27, 51.789, 1.018
Yxy	5.2069, 0.4915, 0.2481
Android (android.graphics.Color)	4286775361 (0xFF830041)
YUV	46.5790, 9.0816, 74.0372
Hunter-Lab	22.8187, 40.7503, 1.7800

Details

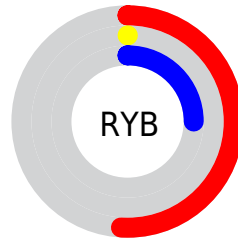
The YUV color **46.5790, 9.0816, 74.0372** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **84.4210, -9.0816, -74.0372**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8960, 1.5303, 69.3742**, and **25.0470, -1.0092, 43.8088** is the 20% darker color. If you saturate the color by 10%, you get **46.5790, 9.0816, 74.0372**, and if you desaturate by 10%, it is **55.0080, 8.3771, 66.6450**.

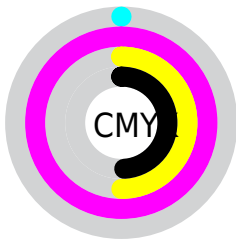
Distribution



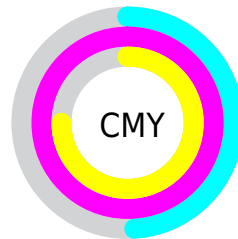
- Red (51%)
- Green (0%)
- Blue (25%)



- Red (51%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5790, 9.0816, 74.0372 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 46.5790, 9.0816, 74.0372 by changing the saturation by 10% instead.

46.5790, 9.0816,
74.0372

46.5790, 9.0816,
74.0372

255.0000, 0.0000,
0.0000

35.6990, 3.5994,
59.0230

109.8960, 1.5303,
69.3742

25.0470, -1.0092,
43.8088

137.2660, 0.3619,
70.8037

15.1780, -6.4968,
30.5389

165.6360, -0.8065,
72.2332

0.0000, 0.0000,
0.0000

186.6560, 2.1416,
59.9377

206.2840, 6.2690,
42.7239

226.4990, 10.1070,

24.9954


 244.4340, 5.2090,
9.2664

 46.5790, 9.0816,
74.0372

 55.0080, 8.3771,
66.6450

 63.3230, 7.2358,
59.3527

 71.7520, 6.5313,
51.9605

 80.0670, 5.3900,
44.6682

 89.0830, 4.3961,
36.7612

■ 97.5120, 3.6916,
29.3690

■ 105.8270, 2.5503,
22.0767

■ 114.2560, 1.8458,
14.6845

■ 122.5710, 0.7045,
7.3922

Harmonies

Analogous

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



60.8940, 21.2513, 43.9430



46.5790, 9.0816, 74.0372



53.5630, -13.5886, 65.2812

Triad

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



46.5790, 9.0816, 74.0372



55.0990, -27.1638, -14.1188



61.0620, 35.9584, -53.5514

Complementary

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



46.5790, 9.0816, 74.0372



84.4210, -9.0816, -74.0372

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.



59.5170, 22.4231, -52.1964



46.5790, 9.0816, 74.0372



48.8810, -13.2523, -42.8686

Square

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



46.5790, 9.0816, 74.0372



60.6020, -29.8768, 16.1350



54.9570, 4.9512, -48.1973



57.6200, 43.0783, -50.5327

Rectangle

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



46.5790, 9.0816, 74.0372



57.8760, -28.5329, 51.8517



54.9570, 4.9512, -48.1973



61.3240, 31.8853, -53.7811

Sweetspot

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



46.5790, 9.0816, 74.0372



138.0990, 3.4022, 28.8542



34.6680, 47.4917, 27.4782



66.3920, 2.2717, 18.0732



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



46.5790, 9.0816, 74.0372



60.8190, 11.9212, 96.6287



39.1690, -19.3103, 80.5358



62.1360, 0.4260, 3.3887



46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Inverse Universe

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



46.5790, 9.0816, 74.0372



60.8190, 11.9212, 96.6287



91.8310, 19.3103, -80.5358



62.1360, 0.4260, 3.3887



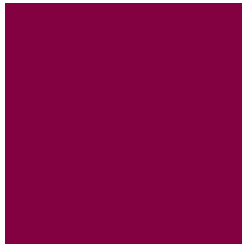
46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 46.5790, 9.0816, 74.0372 looks on a white background.

Color Contrast Check

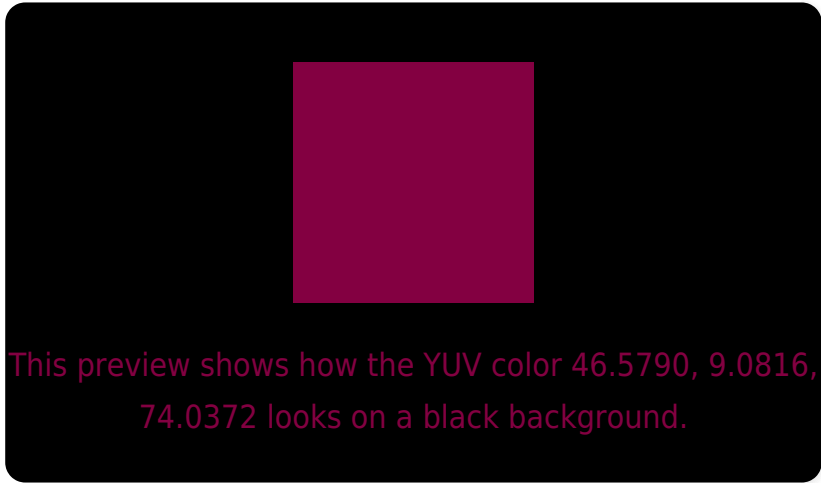
Large Text (above 18pt) WCAG AA ✓ Pass

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

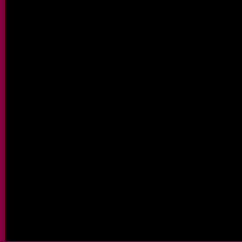
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.5790, 9.0816, 74.0372

Background



This preview shows how black text looks on a background with the YUV color 46.5790, 9.0816, 74.0372.



This preview shows how white text looks on a background with the YUV color 46.5790, 9.0816,

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

46.5790, 9.0816, 74.0372

Protanopia

67.9850, 12.8254, -7.0028

Deuteranopia

68.9040, -4.3897, 7.9772



Tritanopia

56.7970, -15.1829, 63.3220

Trichromacy



Original Color

46.5790, 9.0816, 74.0372

Protanomaly

60.4170, 11.1334, 22.4363

Deuteranomaly

60.7250, 0.6286, 31.8132

Tritanomaly

53.4090, -6.6106, 67.1703

Monochromacy



Original Color

46.5790, 9.0816, 74.0372

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0880, 3.4076, 27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5790, 9.0816, 74.0372 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(131, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(131, 0, 65)  
}
```

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(131, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 0, 65) }
```

Border

The CSS property to change the border of an element to YUV 46.5790, 9.0816, 74.0372 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(131, 0, 65) }
```


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

```
.border{ border-color:rgb(131, 0, 65) }
```

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

Here you see how a box with a 4 pixel rgb(131, 0, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(131, 0, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.5790, 9.0816, 74.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 0, 65) }
```

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

```
.background{ background-color: rgb(131, 0,  
65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor