

Converting Colors

YUV(71.5050, 14.5410, 49.5461)

Have a look what the booklet for
YUV(71.5050, 14.5410, 49.5461)
contains.

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Color

**YUV(71.5050, 14.5410,
49.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	802565
RGB	128, 37, 101
RGB Percent	50%, 15%, 40%
CMY	0.4980, 0.8549, 0.6039
CMYK	0.00, 0.71, 0.21, 0.50
HSL	318°, 55%, 32%
HSV	318°, 71%, 50%
XYZ	11.9126, 6.8519, 13.0066
YIQ	71.5050, 33.6920, 39.1960

Conversions

Conversions Part 2

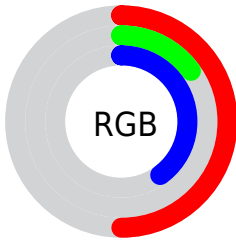
Format	Color
R_{YB}	128, 37, 101
Decimal	8398181
CIE _{Lab}	31.47, 45.62, -16.66
CIE _{LCh}	31, 48.568, 339.941
Yxy	6.8519, 0.3750, 0.2157
Android (android.graphics.Color)	4286588261 (0xFF802565)
YUV	71.5050, 14.5410, 49.5461
Hunter-Lab	26.1762, 35.4260, -11.1371

Details

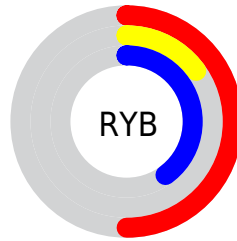
The YUV color **71.5050, 14.5410, 49.5461** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **93.4950, -14.5410, -49.5461**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8750, 13.3726, 50.9756**, and **28.5810, 12.5316, 40.7095** is the 20% darker color. If you saturate the color by 10%, you get **63.4180, 16.5559, 56.6384**, and if you desaturate by 10%, it is **79.5920, 12.5261, 42.4538**.

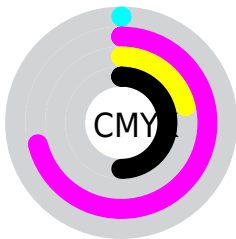
Distribution



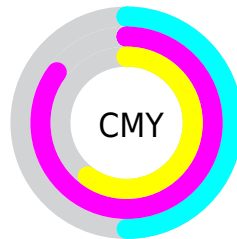
- Red (50%)
- Green (15%)
- Blue (40%)



- Red (50%)
- Yellow (15%)
- Blue (40%)



- Cyan (0%)
- Magenta (71%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5050, 14.5410, 49.5461 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 71.5050, 14.5410, 49.5461 by changing the saturation by 10% instead.

71.5050, 14.5410,
49.5461

71.5050, 14.5410,
49.5461

255.0000, 0.0000,
0.0000

40.7380, 17.8772,
52.8498

124.8750, 13.3726,
50.9756

28.5810, 12.5316,
40.7095

151.8860, 13.3672,
52.7200

19.3100, 6.7492,
28.6691

179.4840, 13.0724,
53.9495

6.2510, -0.6167,
11.1809

202.8250, 15.8623,
45.7575

0.0000, 0.0000,
0.0000

221.5410, 16.4953,
29.3435

238.5640, 8.1029,

14.4144

■ 71.5050, 14.5410,
49.5461

■ 71.5050, 14.5410,
49.5461

■ 63.4180, 16.5559,
56.6384

■ 79.5920, 12.5261,
42.4538

■ 55.3310, 18.5708,
63.7307

■ 87.6790, 10.5113,
35.3615

■ 48.5320, 20.4437,
69.6934

■ 95.0650, 8.3490,
28.8840

■ 103.1520, 6.3341,
21.7917

■ 111.2390, 4.3192,
14.6994

■ 119.3260, 2.3043,
7.6071

■ 127.4130, 0.2894,
0.5148

■ 134.7990, -1.8729,
-5.9627

■ 142.8860, -3.8878,
-13.0550

Harmonies

Analogous

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



75.5310, 28.3322, 12.6893



71.5050, 14.5410, 49.5461



66.0650, -1.5110, 64.8410

Triad

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



71.5050, 14.5410, 49.5461



68.2330, -33.6389, 9.4427



66.7380, 27.2442, -58.5292

Complementary

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



71.5050, 14.5410, 49.5461



93.4950, -14.5410, -49.5461

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.



63.2210, 11.2300, -55.4448



71.5050, 14.5410, 49.5461



60.7020, -28.4471, -22.5407

Square

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



71.5050, 14.5410, 49.5461



70.1700, -34.5938, 35.8079



57.4870, -5.6631, -50.4161



66.5390, 39.1743, -58.3547

Rectangle

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



71.5050, 14.5410, 49.5461



67.7150, -14.1565, 60.7629



57.4870, -5.6631, -50.4161



66.0710, 22.1500, -57.9443

Sweetspot

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



71.5050, 14.5410, 49.5461



144.2010, 5.3239, 19.1177



55.1480, 35.9160, 6.8862



70.9890, 3.4564, 11.4106



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.



71.5050, 14.5410, 49.5461



78.4450, 22.4586, 76.7857



66.4890, -4.6781, 53.9451



59.6630, 1.1521, 3.8035



48.5320, 20.4437, 69.6934



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.5050, 14.5410, 49.5461



78.4450, 22.4586, 76.7857



98.5110, 4.6781, -53.9451



59.6630, 1.1521, 3.8035



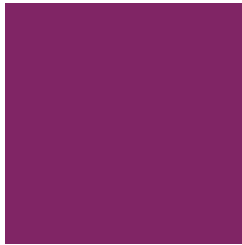
48.5320, 20.4437, 69.6934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 71.5050, 14.5410, 49.5461 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

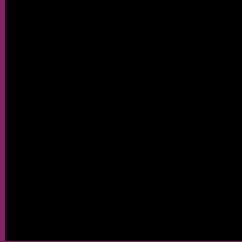
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5050, 14.5410, 49.5461

Background



This preview shows how black text looks on a background with the YUV color 71.5050, 14.5410, 49.5461.



This preview shows how white text looks on a background with the YUV color 71.5050, 14.5410,

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

71.5050, 14.5410, 49.5461

Protanopia

72.6210, 28.2878, -19.8386

Deuteranopia

75.9100, 9.9044, -3.4291



Tritanopia

73.1690, -9.4503, 44.5788

Trichromacy



Original Color

71.5050, 14.5410, 49.5461

Protanomaly

72.1080, 23.1178, 5.1673

Deuteranomaly

74.4870, 11.5919, 15.3589

Tritanomaly

72.4710, -0.7252, 46.0679

Monochromacy



Original Color

71.5050, 14.5410, 49.5461

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6030, 5.6187, 17.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5050, 14.5410, 49.5461 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(128, 37, 101)` looks like.

```
.text, #text, p{  
    color:rgb(128, 37, 101)  
}
```

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(128, 37, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 37, 101) }
```

Border

The CSS property to change the border of an element to YUV 71.5050, 14.5410, 49.5461 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(128, 37, 101) }
```


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

```
.border{ border-color:rgb(128, 37, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 37, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 37, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 37, 101); box-shadow:4px 4px 4px 4px rgb(128, 37, 101) }
```

Background

The CSS property to change the background color of an element to YUV 71.5050, 14.5410, 49.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 37, 101) }
```

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

```
.background{ background-color: rgb(128, 37,  
101) }
```

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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