

Converting Colors

YUV(65.5050, 14.5410, 49.5461)

Have a look what the booklet for
YUV(65.5050, 14.5410, 49.5461)
contains.

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Color

**YUV(65.5050, 14.5410,
49.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	7A1F5F
RGB	122, 31, 95
RGB Percent	48%, 12%, 37%
CMY	0.5216, 0.8784, 0.6275
CMYK	0.00, 0.75, 0.22, 0.52
HSL	318°, 59%, 30%
HSV	318°, 75%, 48%
XYZ	10.5816, 5.9438, 11.4160
YIQ	65.5050, 33.6920, 39.1960

Conversions

Conversions Part 2

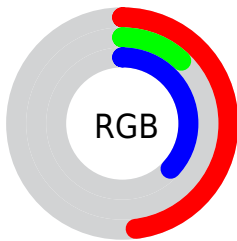
Format	Color
R_{YB}	122, 31, 95
Decimal	8003423
CIE _{Lab}	29.27, 45.40, -16.26
CIE _{LCh}	29, 48.225, 340.301
Yxy	5.9438, 0.3787, 0.2127
Android (android.graphics.Color)	4286193503 (0xFF7A1F5F)
YUV	65.5050, 14.5410, 49.5461
Hunter-Lab	24.3799, 34.8096, -10.6970

Details

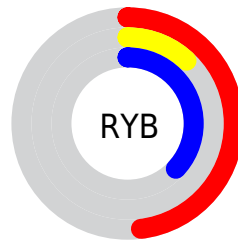
The YUV color **65.5050, 14.5410, 49.5461** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **87.4950, -14.5410, -49.5461**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8750, 13.3726, 50.9756**, and **26.2170, 11.2320, 37.5207** is the 20% darker color. If you saturate the color by 10%, you get **58.0050, 16.2665, 56.1236**, and if you desaturate by 10%, it is **73.0050, 12.8155, 42.9686**.

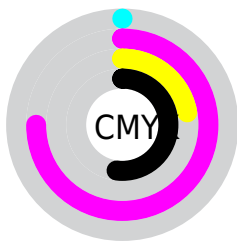
Distribution



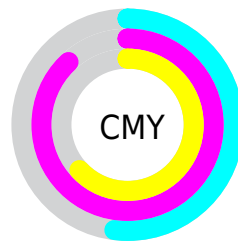
- Red (48%)
- Green (12%)
- Blue (37%)



- Red (48%)
- Yellow (12%)
- Blue (37%)



- Cyan (0%)
- Magenta (75%)
- Yellow (22%)
- Black (52%)



- Cyan (52%)
- Magenta (88%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5050, 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 65.5050, 14.5410, 49.5461 by changing the saturation by 10% instead.

65.5050, 14.5410,
49.5461

65.5050, 14.5410,
49.5461

255.0000, 0.0000,
0.0000

36.4990, 17.0090,
51.3054

118.8750, 13.3726,
50.9756

26.2170, 11.2320,
37.5207

145.7720, 12.9304,
52.8200

17.2450, 5.3022,
26.0951

173.4840, 13.0724,
53.9495

0.0000, 0.0000,
0.0000

198.5050, 14.5410,
49.5461

218.0190, 18.2316,
32.4323

235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

65.5050, 14.5410,
49.5461

65.5050, 14.5410,
49.5461

58.0050, 16.2665,
56.1236

73.0050, 12.8155,
42.9686

50.6190, 18.4288,
62.6011

80.3910, 10.6532,
36.4911

46.2820, 19.5810,
66.4047

88.4780, 8.6383,
29.3988

95.8640, 6.4760,
22.9213

103.3640, 4.7505,
16.3438

■ 110.8640, 3.0250,
9.7663

■ 118.2500, 0.8628,
3.2887

■ 126.3370, -1.1521,
-3.8035

■ 133.8370, -2.8776,
-10.3810

Harmonies

Analogous

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



70.4170, 27.8954, 12.7893



65.5050, 14.5410, 49.5461



59.5920, -0.7849, 65.2558

Triad

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



65.5050, 14.5410, 49.5461



63.5040, -31.3075, 8.3280



62.6460, 26.7965, -54.9405

Complementary

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



65.5050, 14.5410, 49.5461



87.4950, -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.



59.1290, 10.7824, -51.8561



65.5050, 14.5410, 49.5461



55.6310, -27.4261, -23.3554

Square

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



65.5050, 14.5410, 49.5461



65.1420, -32.1150, 34.0785



54.0960, -5.9633, -47.4422



62.9200, 38.0004, -55.1808

Rectangle

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



65.5050, 14.5410, 49.5461



61.8290, -13.7197, 60.6630



54.0960, -5.9633, -47.4422



61.9790, 21.7024, -54.3556

Sweetspot

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



65.5050, 14.5410, 49.5461



136.3150, 5.7607, 19.0177



49.1480, 35.9160, 6.8862



65.9890, 3.4564, 11.4106



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



65.5050, 14.5410, 49.5461



69.8580, 22.7480, 77.3005



60.4890, -4.6781, 53.9451



57.2500, 0.8628, 3.2887



47.4070, 20.0123, 68.0491



95.6400, 40.6035, 137.1277

Inverse Universe

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



65.5050, 14.5410, 49.5461



69.8580, 22.7480, 77.3005



92.5110, 4.6781, -53.9451



57.2500, 0.8628, 3.2887



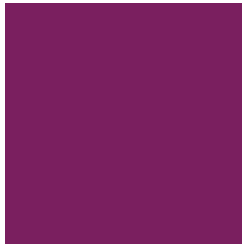
47.4070, 20.0123, 68.0491



95.6400, 40.6035, 137.1277

Previews

White Background



This preview shows how the YUV color 65.5050, 14.5410, 49.5461 looks on a white background.

Color Contrast Check

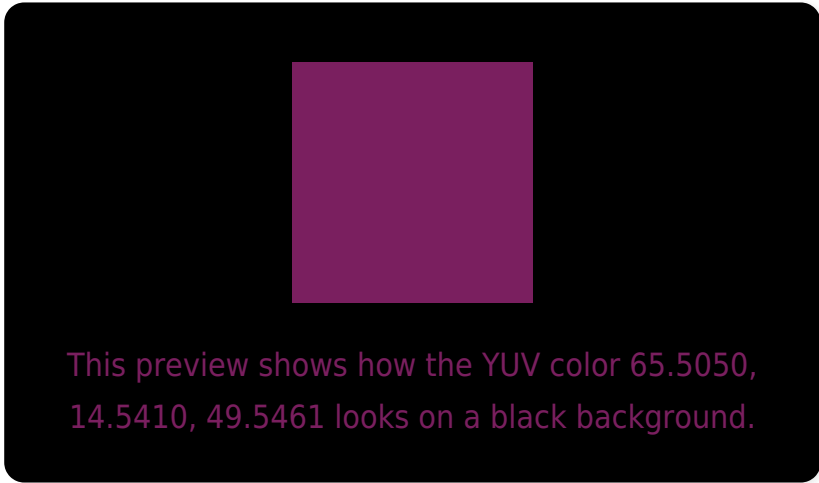
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.5050, 14.5410, 49.5461

Background



This preview shows how black text looks on a background with the YUV color 65.5050, 14.5410, 49.5461.



This preview shows how white text looks on a background with the YUV color 65.5050, 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

65.5050, 14.5410, 49.5461

Protanopia

67.9090, 28.1459, -20.9682

Deuteranopia

70.7960, 9.4676, -3.3291



Tritanopia

67.8700, -9.3029, 43.9640

Trichromacy



Original Color

65.5050, 14.5410, 49.5461

Protanomaly

66.8090, 23.2652, 4.5525

Deuteranomaly

68.7860, 11.4445, 15.9737

Tritanomaly

67.1720, -0.5778, 45.4532

Monochromacy



Original Color

65.5050, 14.5410, 49.5461

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.6030, 5.6187, 17.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5050, 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(122, 31, 95)` looks like.

```
.text, #text, p{  
    color:rgb(122, 31, 95)  
}
```

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(122, 31, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 31, 95) }
```

Border

The CSS property to change the border of an element to YUV 65.5050, 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(122, 31, 95) }
```


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

```
.border{ border-color:rgb(122, 31, 95) }
```

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

Here you see how a box with a 4 pixel rgb(122, 31, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 31, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 31, 95);  
box-shadow:4px 4px 4px 4px rgb(122, 31,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 65.5050, 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(122, 31, 95) }
```

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

```
.background{ background-color: rgb(122, 31,  
95) }
```

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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