

Converting Colors

YUV(64.5150, 19.4661, 56.5533)

Have a look what the booklet for
YUV(64.5150, 19.4661, 56.5533)
contains.

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Color

**YUV(64.5150, 19.4661,
56.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	811868
RGB	129, 24, 104
RGB Percent	51%, 9%, 41%
CMY	0.4941, 0.9059, 0.5922
CMYK	0.00, 0.81, 0.19, 0.49
HSL	314°, 69%, 30%
HSV	314°, 81%, 51%
XYZ	11.8786, 6.3199, 13.6905
YIQ	64.5150, 36.9000, 47.1400

Conversions

Conversions Part 2

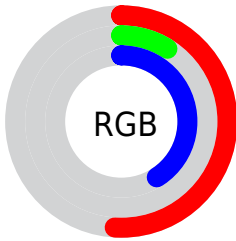
Format	Color
RYB	129, 24, 104
Decimal	8460392
CIELab	30.21, 50.82, -20.53
CIELCh	30, 54.813, 338.002
Yxy	6.3199, 0.3725, 0.1982
Android (android.graphics.Color)	4286650472 (0xFF811868)
YUV	64.5150, 19.4661, 56.5533
Hunter-Lab	25.1394, 40.3491, -14.6908

Details

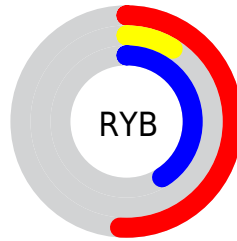
The YUV color **64.5150, 19.4661, 56.5533** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **88.4850, -19.4661, -56.5533**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5320, 16.9927, 56.5384**, and **28.9230, 13.8420, 40.4095** is the 20% darker color. If you saturate the color by 10%, you get **56.5420, 21.9178, 63.5457**, and if you desaturate by 10%, it is **72.4880, 17.0144, 49.5610**.

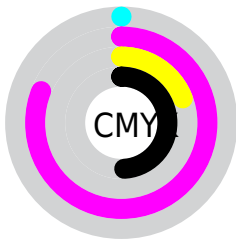
Distribution



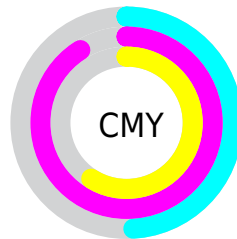
- Red (51%)
- Green (9%)
- Blue (41%)



- Red (51%)
- Yellow (9%)
- Blue (41%)



- Cyan (0%)
- Magenta (81%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5150, 19.4661, 56.5533 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 64.5150, 19.4661, 56.5533 by changing the saturation by 10% instead.

64.5150, 19.4661,
56.5533

64.5150, 19.4661,
56.5533

255.0000, 0.0000,
0.0000

39.6180, 19.9083,
54.7090

120.5320, 16.9927,
56.5384

28.9230, 13.8420,
40.4095

148.1300, 16.6979,
57.7680

19.8370, 7.4754,
29.0840

175.8420, 16.8399,
58.8976

6.1090, 1.4253,
9.5514

198.4710, 19.4878,
49.5759

0.0000, 0.0000,
0.0000

217.4320, 18.5210,
32.9471

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

64.5150, 19.4661,
56.5533

64.5150, 19.4661,
56.5533

56.5420, 21.9178,
63.5457

72.4880, 17.0144,
49.5610

49.7430, 23.7907,
69.5084

80.4610, 14.5627,
42.5687

88.4340, 12.1110,
35.5764

96.4070, 9.6593,
28.5841

104.3800, 7.2077,
21.5917

■ 111.7660, 5.0454,
15.1142

■ 119.8530, 3.0305,
8.0219

■ 127.8260, 0.5788,
1.0296

■ 135.7990, -1.8729,
-5.9627

Harmonies

Analogous

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



72.0730, 32.9950, 10.4600



64.5150, 19.4661, 56.5533



51.2980, 5.2761, 81.2997

Triad

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



64.5150, 19.4661, 56.5533



66.1730, -32.6233, 10.3723



66.2650, 27.9704, -58.1144

Complementary

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



64.5150, 19.4661, 56.5533



88.4850, -19.4661, -56.5533

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.



61.5910, 10.0616, -54.0153



64.5150, 19.4661, 56.5533



56.7940, -27.9994, -26.1293

Square

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



64.5150, 19.4661, 56.5533



67.2460, -33.1523, 40.1263



55.2870, -9.0155, -48.4867



66.5220, 41.6477, -58.3398

Rectangle

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



64.5150, 19.4661, 56.5533



58.3620, -12.0105, 72.4735



55.2870, -9.0155, -48.4867



64.7830, 22.2920, -56.8147

Sweetspot

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



64.5150, 19.4661, 56.5533



143.4940, 7.6445, 21.4918



43.4450, 42.1786, 4.8717



69.2280, 4.3246, 12.9550



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.



64.5150, 19.4661, 56.5533



66.6990, 30.7144, 88.8410



58.5870, -3.2474, 61.7522



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.5150, 19.4661, 56.5533



66.6990, 30.7144, 88.8410



94.4130, 3.2474, -61.7522



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 64.5150, 19.4661, 56.5533 looks on a white background.

Color Contrast Check

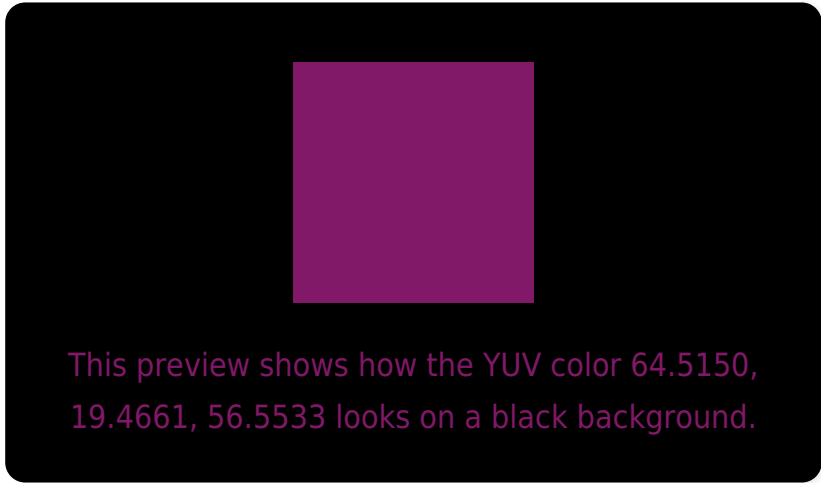
Large Text (above 18pt) WCAG AA ✓ Pass

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

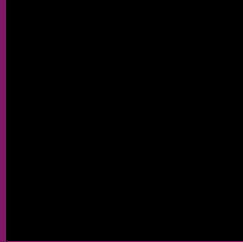
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5150, 19.4661, 56.5533

Background



This preview shows how black text looks on a background with the YUV color 64.5150, 19.4661, 56.5533.



This preview shows how white text looks on a background with the YUV color 64.5150, 19.4661,

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

64.5150, 19.4661, 56.5533

Protanopia

67.0200, 36.4721, -31.5895

Deuteranopia

73.1700, 12.2412, -6.2881



Tritanopia

69.5500, -10.6241, 47.7527

Trichromacy



Original Color

64.5150, 19.4661, 56.5533

Protanomaly

66.3230, 30.4068, 0.5937

Deuteranomaly

70.2960, 14.6441, 16.4034

Tritanomaly

67.7320, 0.1321, 51.1010

Monochromacy



Original Color

64.5150, 19.4661, 56.5533

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6680, 7.0657, 20.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5150, 19.4661, 56.5533 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(129, 24, 104)` looks like.

```
.text, #text, p{  
    color:rgb(129, 24, 104)  
}
```

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(129, 24, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 24, 104) }
```

Border

The CSS property to change the border of an element to YUV 64.5150, 19.4661, 56.5533 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(129, 24, 104) }
```


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

```
.border{ border-color:rgb(129, 24, 104) }
```

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

Here you see how a box with a 4 pixel rgb(129, 24, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 24, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 24, 104);  
box-shadow:4px 4px 4px 4px rgb(129, 24,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 64.5150, 19.4661, 56.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 24, 104) }
```

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

```
.background{ background-color: rgb(129, 24,  
104) }
```

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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