

Converting Colors

YUV(63.8740, 4.9921, 79.0405)

Have a look what the booklet for
YUV(63.8740, 4.9921, 79.0405)
contains.

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Color

**YUV(63.8740, 4.9921,
79.0405)**

Conversions

Conversions Part 1

Format	Color
Hex	9A104A
RGB	154, 16, 74
RGB Percent	60%, 6%, 29%
CMY	0.3961, 0.9373, 0.7098
CMYK	0.00, 0.90, 0.52, 0.40
HSL	335°, 81%, 33%
HSV	335°, 90%, 60%
XYZ	14.7477, 7.7350, 7.1943
YIQ	63.8740, 63.6300, 47.2940

Conversions

Conversions Part 2

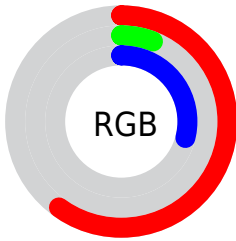
Format	Color
RYB	154, 16, 74
Decimal	10096714
CIELab	33.42, 55.64, 4.36
CIELCh	33, 55.811, 4.481
Yxy	7.7350, 0.4969, 0.2606
Android (android.graphics.Color)	4288286794 (0xFF9A104A)
YUV	63.8740, 4.9921, 79.0405
Hunter-Lab	27.8119, 45.9819, 4.1314

Details

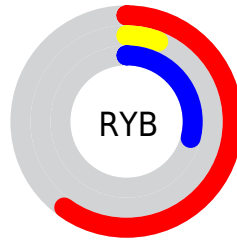
The YUV color **63.8740, 4.9921, 79.0405** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **106.1260, -4.9921, -79.0405**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1420, -1.5490, 77.0515**, and **32.2380, -0.6103, 55.9193** is the 20% darker color. If you saturate the color by 10%, you get **54.0430, 5.4018, 87.6623**, and if you desaturate by 10%, it is **73.7050, 4.5824, 70.4187**.

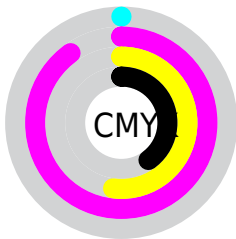
Distribution



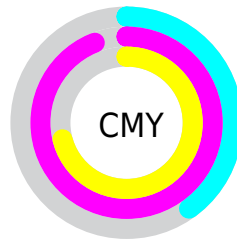
- Red (60%)
- Green (6%)
- Blue (29%)



- Red (60%)
- Yellow (6%)
- Blue (29%)



- Cyan (0%)
- Magenta (90%)
- Yellow (52%)
- Black (40%)



- Cyan (40%)
- Magenta (94%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8740, 4.9921, 79.0405 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 63.8740, 4.9921, 79.0405 by changing the saturation by 10% instead.

63.8740, 4.9921,
79.0405

63.8740, 4.9921,
79.0405

255.0000, 0.0000,
0.0000

43.3030, 4.2876,
71.6483

125.1420, -1.5490,
77.0515

32.2380, -0.6103,
55.9193

153.2240, -2.5754,
79.6106

21.2010, -7.9871,
41.9197

176.0270, -0.5063,
69.2593

12.0740, -5.4595,
24.4911

195.5410, 3.1843,
52.1455

0.0000, 0.0000,
0.0000

215.1690, 7.3117,
34.9318

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

63.8740, 4.9921,
79.0405

63.8740, 4.9921,
79.0405

54.0430, 5.4018,
87.6623

73.7050, 4.5824,
70.4187

53.4560, 5.6912,
88.1771

84.1230, 3.8834,
61.2821

93.9540, 3.4737,
52.6603

104.3720, 2.7746,
43.5238

114.2030, 2.3649,
34.9020

■ 124.0340, 1.9552,
26.2802

■ 134.3380, 0.8194,
17.2436

■ 144.1690, 0.4097,
8.6218

■ 154.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



74.9490, 21.2241, 52.6647



63.8740, 4.9921, 79.0405



69.2170, -18.8410, 69.9697

Triad

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



63.8740, 4.9921, 79.0405



65.6870, -32.3837, -19.8965



72.7170, 42.5375, -63.7728

Complementary

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



63.8740, 4.9921, 79.0405



106.1260, -4.9921, -79.0405

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.



71.5310, 27.8392, -62.7327



63.8740, 4.9921, 79.0405



60.0970, -10.8938, -52.7051

Square

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



63.8740, 4.9921, 79.0405



73.5820, -36.2759, 15.2756



66.5150, 8.6201, -58.3337



67.2860, 49.6520, -59.0098

Rectangle

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



63.8740, 4.9921, 79.0405



72.0630, -35.5271, 55.1957



66.5150, 8.6201, -58.3337



72.9790, 38.4644, -64.0026

Sweetspot

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



63.8740, 4.9921, 79.0405



165.7680, 2.0864, 30.8985



55.0540, 48.7804, 34.1556



80.4630, 1.2507, 18.8879



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



63.8740, 4.9921, 79.0405



69.7890, 7.4990, 115.0720



62.5450, -22.9467, 80.2060



71.7340, 0.1311, 4.6183



48.5860, 5.1341, 80.1701



4.4570, 0.2677, 7.4922

Inverse Universe

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



63.8740, 4.9921, 79.0405



69.7890, 7.4990, 115.0720



107.4550, 22.9467, -80.2060



71.7340, 0.1311, 4.6183



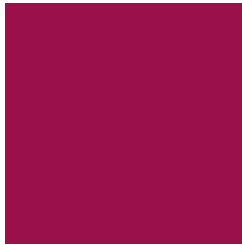
48.5860, 5.1341, 80.1701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 63.8740, 4.9921, 79.0405 looks on a white background.

Color Contrast Check

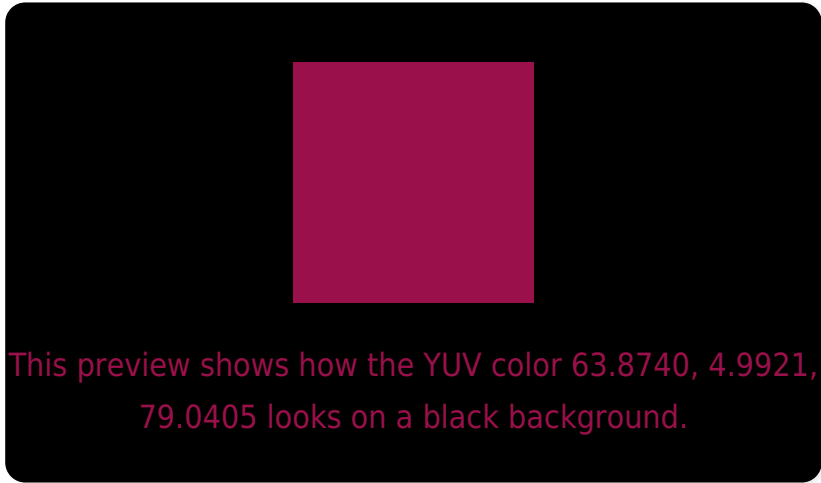
Large Text (above 18pt) WCAG AA ✓ Pass

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

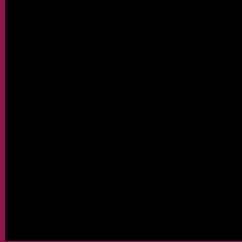
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8740, 4.9921, 79.0405

Background



This preview shows how black text looks on a background with the YUV color 63.8740, 4.9921, 79.0405.



This preview shows how white text looks on a background with the YUV color 63.8740, 4.9921,

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

63.8740, 4.9921, 79.0405

Protanopia

81.0560, 11.8044, -6.1881

Deuteranopia

81.3450, -6.5791, 10.2214



Tritanopia

67.9940, -17.2520, 73.6733

Trichromacy



Original Color

63.8740, 4.9921, 79.0405

Protanomaly

74.9720, 9.3808, 24.5806

Deuteranomaly

74.6500, -2.2924, 35.3870

Tritanomaly

66.4810, -9.1111, 75.8772

Monochromacy



Original Color

63.8740, 4.9921, 79.0405

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.3440, 1.8024, 28.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8740, 4.9921, 79.0405 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(154, 16, 74)` looks like.

```
.text, #text, p{  
    color:rgb(154, 16, 74)  
}
```

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(154, 16, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 16, 74) }
```

Border

The CSS property to change the border of an element to YUV 63.8740, 4.9921, 79.0405 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(154, 16, 74) }
```


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

```
.border{ border-color:rgb(154, 16, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 16, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 16, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 16, 74);  
box-shadow:4px 4px 4px 4px rgb(154, 16,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 63.8740, 4.9921, 79.0405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 16, 74) }
```

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

```
.background{ background-color: rgb(154, 16,  
74) }
```

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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