

Converting Colors

YUV(63.8410, 28.6724, 90.4704)

Have a look what the booklet for
YUV(63.8410, 28.6724, 90.4704)
contains.

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Color

**YUV(63.8410, 28.6724,
90.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	A7007A
RGB	167, 0, 122
RGB Percent	65%, 0%, 48%
CMY	0.3451, 1.0000, 0.5216
CMYK	0.00, 1.00, 0.27, 0.35
HSL	316°, 100%, 33%
HSV	316°, 100%, 65%
XYZ	19.4492, 9.6206, 19.2442
YIQ	63.8410, 60.3700, 73.3460

Conversions

Conversions Part 2

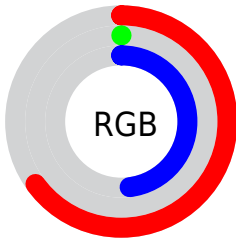
Format	Color
RYB	167, 0, 122
Decimal	10944634
CIELab	37.15, 65.53, -20.60
CIELCh	37, 68.693, 342.553
Yxy	9.6206, 0.4026, 0.1991
Android (android.graphics.Color)	4289134714 (0xFFA7007A)
YUV	63.8410, 28.6724, 90.4704
Hunter-Lab	31.0171, 57.6479, -15.0738

Details

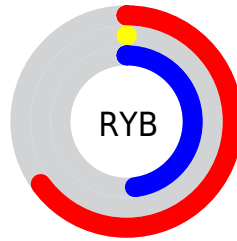
The YUV color **63.8410, 28.6724, 90.4704** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **103.1590, -28.6724, -90.4704**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0710, 19.6850, 79.7447**, and **41.2120, 15.6715, 60.3271** is the 20% darker color. If you saturate the color by 10%, you get **63.8410, 28.6724, 90.4704**, and if you desaturate by 10%, it is **74.3900, 25.9367, 81.2190**.

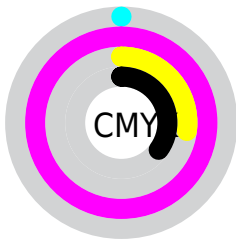
Distribution



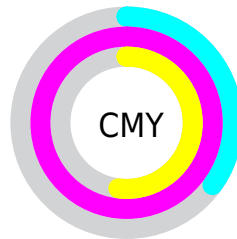
- Red (65%)
- Green (0%)
- Blue (48%)



- Red (65%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.8410, 28.6724, 90.4704 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 63.8410, 28.6724, 90.4704 by changing the saturation by 10% instead.


 63.8410, 28.6724,
90.4704


 63.8410, 28.6724,
90.4704


255.0000, 0.0000,
0.0000


 52.3200, 22.0272,
75.1414

 135.0710, 19.6850,
79.7447


 41.2120, 15.6715,
60.3271


 163.8430, 18.8114,
79.9447


 30.2180, 9.7525,
45.4128

 183.4710, 22.9388,
62.7309

 20.0500, 4.4123,
31.5282

 203.3440, 25.4664,
45.3023

 6.5780, -3.2430,
13.5251

 220.3670, 17.0741,
30.3731

 0.0000, 0.0000,
0.0000

 237.3900, 8.6817,

15.4440

■ 63.8410, 28.6724,
90.4704

■ 74.3900, 25.9367,
81.2190

■ 84.2380, 23.0537,
72.5823

■ 94.7870, 20.3180,
63.3308

■ 105.2220, 17.1456,
54.1793

■ 115.1840, 14.6993,
45.4426

■ 125.6190, 11.5268,
36.2911

■ 136.1680, 8.7912,
27.0397

■ 146.6030, 5.6187,
17.8882

■ 156.5650, 3.1725,
9.1515

Harmonies

Analogous

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



87.8110, 40.5192, 23.8448



63.8410, 28.6724, 90.4704



61.7570, 2.5848, 104.5761

Triad

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



63.8410, 28.6724, 90.4704



80.0170, -39.4484, 6.1241



82.4510, 39.2177, -72.3095

Complementary

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



63.8410, 28.6724, 90.4704



103.1590, -28.6724, -90.4704

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.



77.1100, 16.2148, -67.6255



63.8410, 28.6724, 90.4704



60.4610, -29.8073, -53.0243

Square

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



63.8410, 28.6724, 90.4704



82.6180, -40.7307, 44.1850



69.3240, -8.5407, -60.7971



82.6910, 55.3683, -72.5200

Rectangle

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



63.8410, 28.6724, 90.4704



67.3000, -17.8959, 93.5759



69.3240, -8.5407, -60.7971



81.2140, 31.9395, -71.2247

Sweetspot

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



63.8410, 28.6724, 90.4704



176.7930, 10.9481, 35.2615



32.4930, 66.3120, 10.9686



85.2660, 6.7709, 21.6917



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



63.8410, 28.6724, 90.4704



82.8950, 37.0268, 117.6101



54.3790, -7.5818, 98.7686



79.0760, 1.4415, 4.3183



56.5640, 25.3579, 80.1894



7.6900, 3.6038, 10.7959

Inverse Universe

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



63.8410, 28.6724, 90.4704



82.8950, 37.0268, 117.6101



112.6210, 7.5818, -98.7686



79.0760, 1.4415, 4.3183



56.5640, 25.3579, 80.1894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 63.8410, 28.6724, 90.4704 looks on a white background.

Color Contrast Check

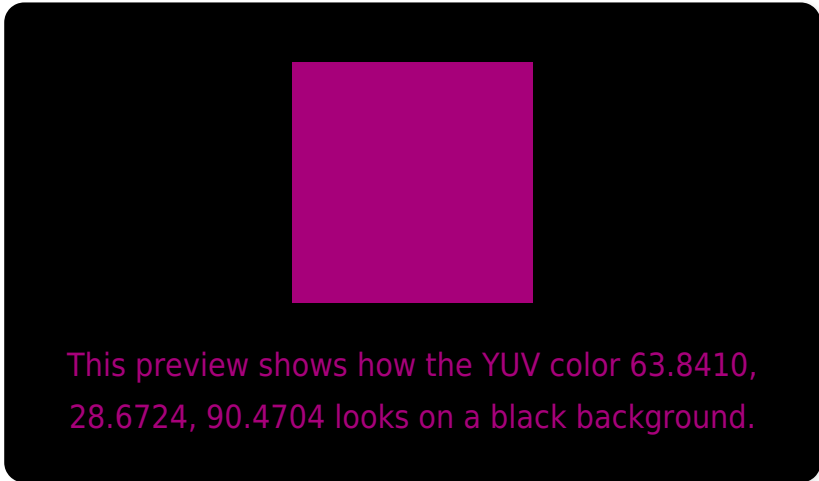
Large Text (above 18pt) WCAG AA ✓ Pass

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

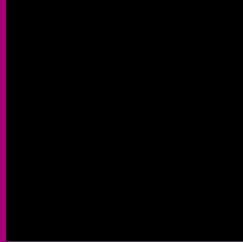
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8410, 28.6724, 90.4704

Background



This preview shows how black text looks on a background with the YUV color 63.8410, 28.6724, 90.4704.



This preview shows how white text looks on a background with the YUV color 63.8410, 28.6724,

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



Protanopia

83.1640, 44.7821, -36.9778

Deuteranopia

90.6650, 11.5042, -3.2142

Tritanopia

82.3140, -15.9308, 69.8846

Trichromacy



Protanomaly

75.9680, 38.9628, 9.6751

Deuteranomaly

80.8940, 17.8003, 30.7880

Tritanomaly

75.8970, 0.0508, 77.2663

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9560, 10.3747, 32.4876

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8410, 28.6724, 90.4704 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(167, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(167, 0, 122)  
}
```

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(167, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 122) }
```

Border

The CSS property to change the border of an element to YUV 63.8410, 28.6724, 90.4704 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(167, 0, 122) }
```

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

```
.border{ border-color:rgb(167, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(167, 0,  
122) }
```


Background

The CSS property to change the background color of an element to YUV 63.8410, 28.6724, 90.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 122) }
```

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

```
.background{ background-color: rgb(167, 0,  
122) }
```

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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