

Converting Colors

YUV(62.8990, 17.3048, 96.5586)

Have a look what the booklet for
YUV(62.8990, 17.3048, 96.5586)
contains.

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Color

**YUV(62.8990, 17.3048,
96.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0062
RGB	173, 0, 98
RGB Percent	68%, 0%, 38%
CMY	0.3216, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.43, 0.32
HSL	326°, 100%, 34%
HSV	326°, 100%, 68%
XYZ	19.4382, 9.7661, 12.4158
YIQ	62.8990, 71.6500, 67.1540

Conversions

Conversions Part 2

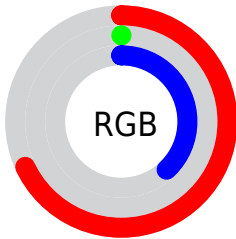
Format	Color
R_YB	173, 0, 98
Decimal	11337826
CIE Lab	37.42, 64.33, -4.88
CIE LCh	37, 64.513, 355.660
Yxy	9.7661, 0.4670, 0.2346
Android (android.graphics.Color)	4289527906 (0xFFAD0062)
YUV	62.8990, 17.3048, 96.5586
Hunter-Lab	31.2507, 56.3396, -1.6802

Details

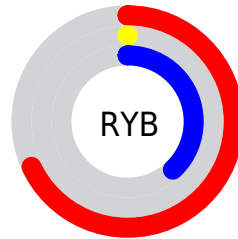
The YUV color **62.8990, 17.3048, 96.5586** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **110.1010, -17.3048, -96.5586**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2000, 7.2964, 86.6476**, and **40.0140, 5.9091, 64.8857** is the 20% darker color. If you saturate the color by 10%, you get **62.8990, 17.3048, 96.5586**, and if you desaturate by 10%, it is **73.6760, 15.4427, 87.1071**.

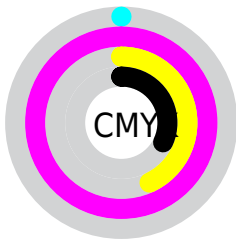
Distribution



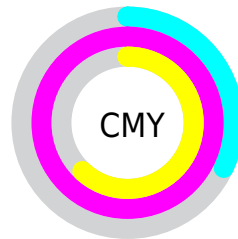
- Red (68%)
- Green (0%)
- Blue (38%)



- Red (68%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (32%)





- Cyan (32%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 62.8990, 17.3048, 96.5586 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 62.8990, 17.3048, 96.5586 by changing the saturation by 10% instead.

 62.8990, 17.3048,
96.5586

 62.8990, 17.3048,
96.5586


255.0000, 0.0000,
0.0000


 51.4920, 11.0964,
81.1295


 134.2000, 7.2964,
86.6476


 40.0140, 5.9091,
64.8857


 160.7650, 7.0179,
82.6441


 29.2480, 0.8637,
49.7715


 180.3930, 11.1453,
65.4303

 18.3960, -7.0972,
36.4867

 200.6080, 14.9833,
47.7018

 6.5780, -3.2430,
13.5251

 220.3670, 17.0741,
30.3731

 0.0000, 0.0000,
0.0000

 237.3900, 8.6817,

15.4440

■ 62.8990, 17.3048,
96.5586

■ 73.6760, 15.4427,
87.1071

■ 85.1540, 13.7281,
77.0409

■ 95.9310, 11.8660,
67.5895

■ 106.8220, 10.4408,
58.0381

■ 118.1860, 8.2893,
48.0719

■ 129.0770, 6.8640,
38.5205

■ 139.8540, 5.0020,
29.0690

■ 150.7450, 3.5767,
19.5176

■ 162.2230, 1.8621,
9.4514

Harmonies

Analogous

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



86.0330, 30.5497, 48.2061



62.8990, 17.3048, 96.5586



70.2980, -11.4859, 90.9467

Triad

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



62.8990, 17.3048, 96.5586



76.6620, -37.7944, -11.1046



82.6450, 45.0380, -72.4797

Complementary

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



62.8990, 17.3048, 96.5586



110.1010, -17.3048, -96.5586

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.



79.6180, 25.8243, -69.8250



62.8990, 17.3048, 96.5586



64.6160, -21.5027, -56.6682

Square

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



62.8990, 17.3048, 96.5586



83.1060, -40.9713, 27.9710



72.9890, 2.9634, -64.0114



78.9410, 56.2311, -69.2313

Rectangle

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



62.8990, 17.3048, 96.5586



77.4550, -33.2553, 73.2690



72.9890, 2.9634, -64.0114



81.8640, 39.5070, -71.7947

Sweetspot

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



62.8990, 17.3048, 96.5586



181.3650, 6.7221, 37.3909



42.1470, 64.5105, 28.8121



86.5820, 4.1501, 22.2916



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



62.8990, 17.3048, 96.5586



81.4540, 22.4542, 125.0128



53.0950, -20.2598, 105.1567



81.2610, 0.8573, 5.0331



54.5400, 15.0168, 83.7184



8.3590, 2.2880, 12.8402

Inverse Universe

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



62.8990, 17.3048, 96.5586



81.4540, 22.4542, 125.0128



119.9050, 20.2598, -105.1567



81.2610, 0.8573, 5.0331



54.5400, 15.0168, 83.7184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 62.8990, 17.3048, 96.5586 looks on a white background.

Color Contrast Check

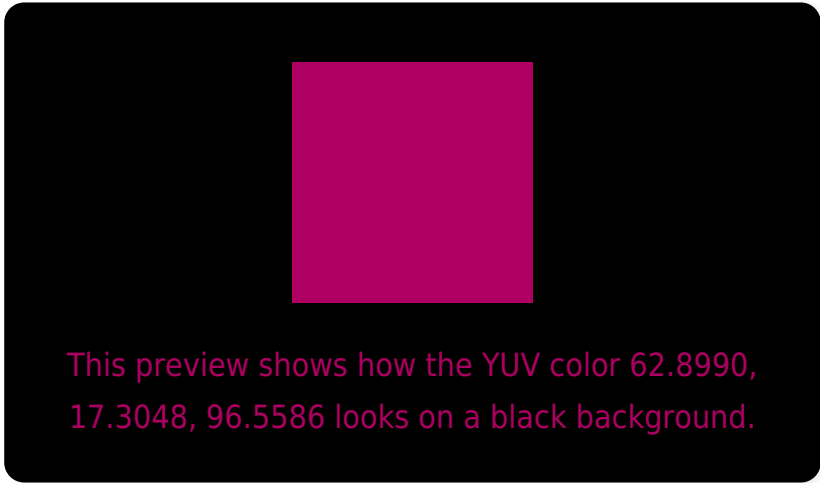
Large Text (above 18pt) WCAG AA ✓ Pass

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

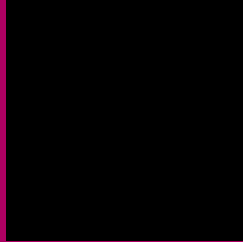
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8990, 17.3048, 96.5586

Background



This preview shows how black text looks on a background with the YUV color 62.8990, 17.3048, 96.5586.



This preview shows how white text looks on a background with the YUV color 62.8990, 17.3048,

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

62.8990, 17.3048, 96.5586

Protanopia

89.8450, 25.2194, -15.6501

Deuteranopia

91.9300, -0.4585, 7.0774



Tritanopia

78.2830, -18.8735, 80.4358

Trichromacy



Original Color

62.8990, 17.3048, 96.5586

Protanomaly

80.3000, 22.0371, 25.1699

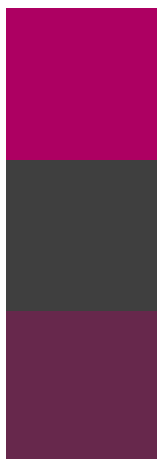
Deuteranomaly

81.5610, 6.1324, 39.8500

Tritanomaly

72.7580, -5.7967, 86.1582

Monochromacy



Original Color

62.8990, 17.3048, 96.5586

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9410, 6.4381, 35.1317

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8990, 17.3048, 96.5586 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(173, 0, 98)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 98)  
}
```

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(173, 0, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 98) }
```

Border

The CSS property to change the border of an element to YUV 62.8990, 17.3048, 96.5586 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(173, 0, 98) }
```


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

```
.border{ border-color:rgb(173, 0, 98) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 98);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8990, 17.3048, 96.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 98) }
```

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

```
.background{ background-color: rgb(173, 0,  
98) }
```

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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