

Converting Colors

YUV(69.8880, -2.9028, 91.3062)

Have a look what the booklet for
YUV(69.8880, -2.9028, 91.3062)
contains.

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Color

**YUV(69.8880, -2.9028,
91.3062)**

Conversions

Conversions Part 1

Format	Color
Hex	AE1240
RGB	174, 18, 64
RGB Percent	68%, 7%, 25%
CMY	0.3176, 0.9294, 0.7490
CMYK	0.00, 0.90, 0.63, 0.32
HSL	342°, 81%, 38%
HSV	342°, 90%, 68%
XYZ	18.5973, 9.8014, 5.7622
YIQ	69.8880, 78.2100, 47.3780

Conversions

Conversions Part 2

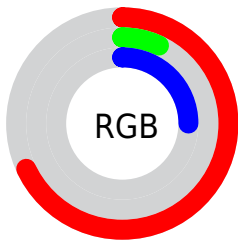
Format	Color
R_{YB}	174, 18, 64
Decimal	11407936
CIE _{Lab}	37.48, 59.74, 17.13
CIE _{LCh}	37, 62.146, 15.995
Yxy	9.8014, 0.5444, 0.2869
Android (android.graphics.Color)	4289598016 (0xFFAE1240)
YUV	69.8880, -2.9028, 91.3062
Hunter-Lab	31.3073, 51.2456, 11.0026

Details

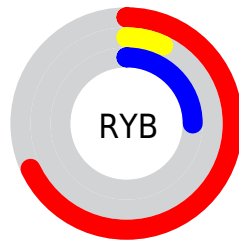
The YUV color **69.8880, -2.9028, 91.3062** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.1120, 2.9028, -91.3062**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1130, -10.9017, 90.2319**, and **36.7080, -6.7580, 67.7851** is the 20% darker color. If you saturate the color by 10%, you get **58.5410, -3.2247, 101.2575**, and if you desaturate by 10%, it is **81.2350, -2.5809, 81.3549**.

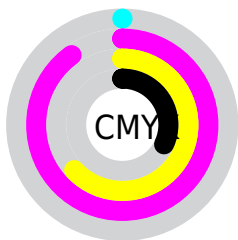
Distribution



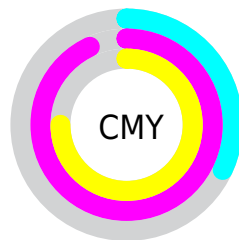
- Red (68%)
- Green (7%)
- Blue (25%)



- Red (68%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (63%)
- Black (32%)





- Cyan (32%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.8880, -2.9028, 91.3062 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 69.8880, -2.9028, 91.3062 by changing the saturation by 10% instead.


 69.8880, -2.9028,
91.3062

 69.8880, -2.9028,
91.3062


255.0000, 0.0000,
0.0000


 47.8440, -2.8811,
84.3288


 133.1130,
-10.9017, 90.2319


 36.7080, -6.7580,
67.7851


 158.1940,
-10.4486, 84.8989


 25.4150, -12.5296,
52.2560

 178.1810, -7.4842,
67.3703

 17.2710, -7.5286,
34.8423

 197.6950, -3.7936,
50.2565

 4.1860, -2.0637,
8.6069

 217.9100, 0.0444,
32.5279

 0.0000, 0.0000,
0.0000

 238.1250, 3.8824,

14.7994

■ 69.8880, -2.9028,
91.3062

■ 69.8880, -2.9028,
91.3062

■ 58.5410, -3.2247,
101.2575

■ 81.2350, -2.5809,
81.3549

■ 57.8400, -3.3721,
101.8723

■ 93.2830, -2.1115,
70.7888

■ 104.6300, -1.7896,
60.8375

■ 116.5640, -1.7571,
50.3714

■ 127.9110, -1.4351,
40.4201

■ 139.3720, -0.6764,
30.3688

■ 151.3060, -0.6439,
19.9026

■ 162.6530, -0.3219,
9.9513

■ 174.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



76.7070, 18.3854, 76.5560



69.8880, -2.9028, 91.3062



78.9600, -32.5183, 70.1951

Triad

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



69.8880, -2.9028, 91.3062



61.0480, -30.0967, -53.5391



80.6050, 52.4527, -70.6906

Complementary

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



69.8880, -2.9028, 91.3062



122.1120, 2.9028, -91.3062

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.



81.6360, 38.6335, -71.5948



69.8880, -2.9028, 91.3062



70.4640, -4.1728, -61.7969

Square

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



69.8880, -2.9028, 91.3062



79.9950, -39.4375, 2.6354



77.6800, 18.3988, -68.1254



71.0990, 56.6462, -62.3538

Rectangle

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



69.8880, -2.9028, 91.3062



82.6510, -40.7469, 49.4181



77.6800, 18.3988, -68.1254



81.6820, 48.9638, -71.6351

Sweetspot

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



69.8880, -2.9028, 91.3062



186.2910, -1.1295, 35.7018



68.3750, 52.0731, 51.4141



90.3170, -0.6493, 21.6470



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



69.8880, -2.9028, 91.3062



75.5110, -4.1959, 132.8559



82.8410, -31.9666, 79.9464



81.0330, -0.0163, 5.2331



49.8660, -2.8919, 87.8175



7.6750, -0.3328, 13.4400

Inverse Universe

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



69.8880, -2.9028, 91.3062



75.5110, -4.1959, 132.8559



109.1590, 31.9666, -79.9464



81.0330, -0.0163, 5.2331



49.8660, -2.8919, 87.8175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 69.8880, -2.9028, 91.3062 looks on a white background.

Color Contrast Check

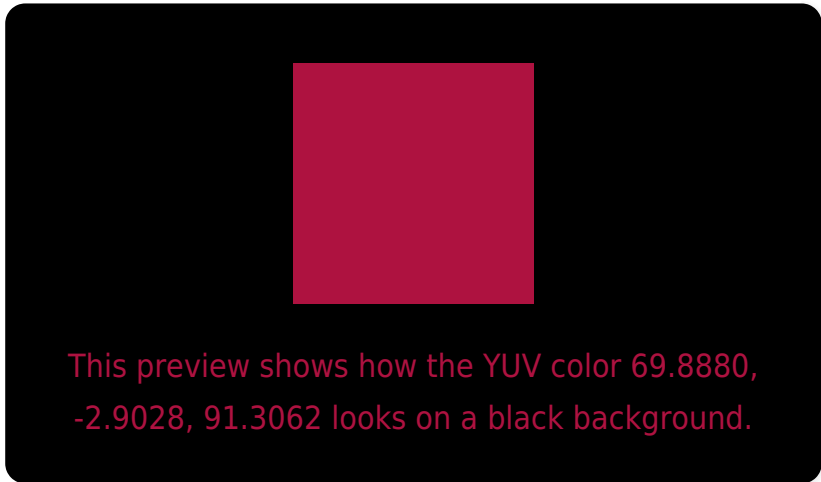
Large Text (above 18pt) WCAG AA ✓ Pass

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

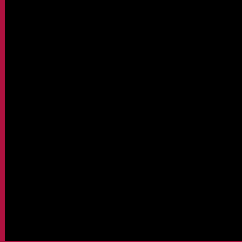
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8880, -2.9028, 91.3062

Background



This preview shows how black text looks on a background with the YUV color 69.8880, -2.9028, 91.3062.



This preview shows how white text looks on a background with the YUV color 69.8880, -2.9028,

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

69.8880, -2.9028, 91.3062

Protanopia

90.5270, 0.7262, 0.4148

Deuteranopia

89.5710, -16.0575, 17.0392



Tritanopia

72.6430, -21.5160, 88.0131

Trichromacy



Original Color

69.8880, -2.9028, 91.3062

Protanomaly

83.0950, -0.5398, 33.2427

Deuteranomaly

82.4140, -11.0501, 44.3639

Tritanomaly

71.7770, -14.6801, 88.7726

Monochromacy



Original Color

69.8880, -2.9028, 91.3062

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9810, -0.9766, 33.3427

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8880, -2.9028, 91.3062 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(174, 18, 64)` looks like.

```
.text, #text, p{  
    color:rgb(174, 18, 64)  
}
```

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(174, 18, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 18, 64) }
```

Border

The CSS property to change the border of an element to YUV 69.8880, -2.9028, 91.3062 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(174, 18, 64) }
```


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

```
.border{ border-color:rgb(174, 18, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 18, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 18, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 18, 64);  
box-shadow:4px 4px 4px 4px rgb(174, 18,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 69.8880, -2.9028, 91.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 18, 64) }
```

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

```
.background{ background-color: rgb(174, 18,  
64) }
```

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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