

Converting Colors

YUV(70.2980, -11.4859,
90.9467)

Have a look what the booklet for
YUV(70.2980, -11.4859, 90.9467)
contains.

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Color

**YUV(70.2980, -11.4859,
90.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	AE162F
RGB	174, 22, 47
RGB Percent	68%, 9%, 18%
CMY	0.3176, 0.9137, 0.8157
CMYK	0.00, 0.87, 0.73, 0.32
HSL	350°, 78%, 38%
HSV	350°, 87%, 68%
XYZ	18.2556, 9.7777, 3.6144
YIQ	70.2980, 82.5670, 39.9990

Conversions

Conversions Part 2

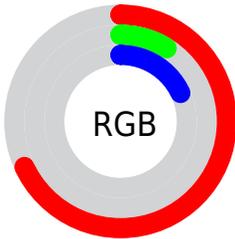
Format	Color
R_{YB}	174, 22, 47
Decimal	11408943
CIE Lab	37.44, 58.14, 27.86
CIE LCh	37, 64.469, 25.606
Yxy	9.7777, 0.5768, 0.3090
Android (android.graphics.Color)	4289599023 (0xFFAE162F)
YUV	70.2980, -11.4859, 90.9467
Hunter-Lab	31.2694, 49.4898, 15.0352

Details

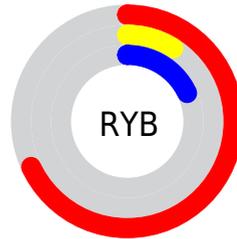
The YUV color **70.2980, -11.4859, 90.9467** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **125.7020, 11.4859, -90.9467**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6480, -19.0535, 91.5167**, and **33.9010, -16.2202, 69.3698** is the 20% darker color. If you saturate the color by 10%, you get **58.6090, -13.1182, 101.1979**, and if you desaturate by 10%, it is **81.9870, -9.8536, 80.6954**.

Distribution



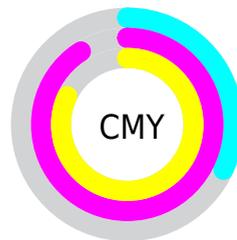
- Red (68%)
- Green (9%)
- Blue (18%)



- Red (68%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (87%)
- Yellow (73%)
- Black (32%)



- Cyan (32%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2980, -11.4859, 90.9467 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 70.2980, -11.4859, 90.9467 by changing the saturation by 10% instead.

 70.2980, -11.4859,
90.9467

 70.2980, -11.4859,
90.9467

255.0000, 0.0000,
0.0000

 45.7210, -9.7225,
85.3137

 131.6480,
-19.0535, 91.5167

 33.9010, -16.2202,
69.3698

 156.6150,
-19.0372, 86.2836

 24.8170, -12.2348,
51.0265

 175.9010,
-16.2202, 69.3698

 16.6730, -7.2338,
33.6128

 196.0020,
-12.8190, 51.7412

 2.9900, -1.4741,
6.1478

 216.1030, -9.4178,
34.1127

 0.0000, 0.0000,
0.0000

 236.3180, -5.5798,

16.3841

254.7720, -0.8736,
0.2000

■ 70.2980, -11.4859,
90.9467

■ 70.2980, -11.4859,
90.9467

■ 58.6090, -13.1182,
101.1979

■ 81.9870, -9.8536,
80.6954

■ 55.3320, -12.9817,
104.0718

■ 94.1490, -8.9475,
70.0293

■ 105.8380, -7.3151,
59.7781

■ 118.0000, -6.4090,
49.1120

■ 129.6890, -4.7767,
38.8607

■ 141.2640, -3.5812,
28.7095

■ 153.5400, -2.2382,
17.9434

■ 165.1150, -1.0427,
7.7921

■ 177.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



63.4860, 17.0154, 96.0438



70.2980, -11.4859, 90.9467



80.0810, -39.4799, 63.0730

Triad

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



70.2980, -11.4859, 90.9467



64.6160, -21.5027, -56.6682



78.9410, 56.2311, -69.2313

Complementary

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



70.2980, -11.4859, 90.9467



125.7020, 11.4859, -90.9467

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.



82.6450, 45.0380, -72.4797



70.2980, -11.4859, 90.9467



72.9890, 2.9634, -64.0114

Square

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



70.2980, -11.4859, 90.9467



76.6620, -37.7944, -11.1046



79.6180, 25.8243, -69.8250



84.2890, 48.6645, -22.1785

Rectangle

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



70.2980, -11.4859, 90.9467



83.4710, -41.1512, 39.0519



79.6180, 25.8243, -69.8250



81.5340, 53.4737, -71.5053

Sweetspot

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



70.2980, -11.4859, 90.9467



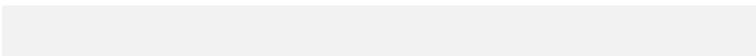
186.7810, -4.3290, 35.2721



77.3010, 47.6726, 62.8800



90.4480, -2.6859, 21.5321



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.



70.2980, -11.4859, 90.9467



72.0910, -17.2999, 135.8552



97.3850, -37.1648, 67.1914



80.8050, -0.8899, 5.4330



47.7000, -11.1911, 89.7171



7.3330, -1.6432, 13.7400

Inverse Universe

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



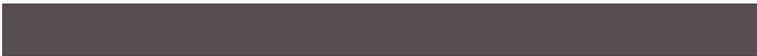
70.2980, -11.4859, 90.9467



72.0910, -17.2999, 135.8552



98.6150, 37.1648, -67.1914



80.8050, -0.8899, 5.4330



47.7000, -11.1911, 89.7171



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 70.2980, -11.4859, 90.9467 looks on a white background.

Color Contrast Check

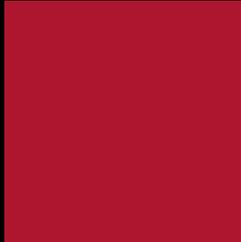
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 70.2980, -11.4859, 90.9467 looks on a 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 70.2980, -11.4859, 90.9467

Background



This preview shows how black text looks on a background with the YUV color 70.2980, -11.4859, 90.9467.



This preview shows how white text looks on a background with the YUV color 70.2980, -11.4859,

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

70.2980, -11.4859, 90.9467

Protanopia

89.4000, -10.0572, 5.7882

Deuteranopia

87.4160, -24.3621, 20.6832



Tritanopia

70.4260, -22.3950, 89.9574

Trichromacy



Original Color

70.2980, -11.4859, 90.9467

Protanomaly

82.1850, -10.4442, 36.6718

Deuteranomaly

81.1340, -19.7861, 46.3635

Tritanomaly

70.1640, -18.3219, 90.1872

Monochromacy



Original Color

70.2980, -11.4859, 90.9467

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.4710, -4.1762, 32.9129

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2980, -11.4859, 90.9467 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, 22, 47)` looks like.

```
.text, #text, p{  
    color:rgb(174, 22, 47)  
}
```

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, 22, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 22, 47) }
```

Border

The CSS property to change the border of an element to YUV 70.2980, -11.4859, 90.9467 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, 22, 47) }
```

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

```
.border{ border-color:rgb(174, 22, 47) }
```

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

Here you see how a box with a 4 pixel rgb(174, 22, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 22, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 22, 47);  
box-shadow:4px 4px 4px 4px rgb(174, 22,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 70.2980, -11.4859, 90.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 22, 47) }
```

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

```
.background{ background-color: rgb(174, 22,  
47) }
```

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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