

Converting Colors

YUV(69.1300, -13.3751,
90.2170)

Have a look what the booklet for
YUV(69.1300, -13.3751, 90.2170)
contains.

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Color

**YUV(69.1300, -13.3751,
90.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	AC162A
RGB	172, 22, 42
RGB Percent	67%, 9%, 16%
CMY	0.3255, 0.9137, 0.8353
CMYK	0.00, 0.87, 0.76, 0.33
HSL	352°, 77%, 38%
HSV	352°, 87%, 67%
XYZ	17.7181, 9.5116, 3.0926
YIQ	69.1300, 82.9800, 38.0200

Conversions

Conversions Part 2

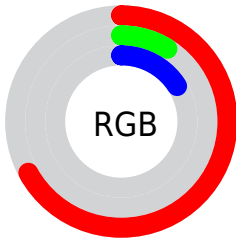
Format	Color
RYB	172, 22, 42
Decimal	11277866
CIELab	36.95, 57.39, 30.27
CIElCh	37, 64.882, 27.813
Yxy	9.5116, 0.5843, 0.3137
Android (android.graphics.Color)	4289467946 (0xFFAC162A)
YUV	69.1300, -13.3751, 90.2170
Hunter-Lab	30.8410, 48.5764, 15.6434

Details

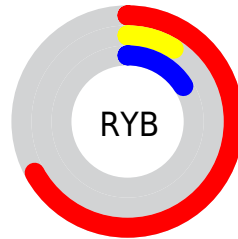
The YUV color **69.1300, -13.3751, 90.2170** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **124.8700, 13.3751, -90.2170**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3660, -21.3794, 90.8870**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **57.4410, -15.0074, 100.4682**, and if you desaturate by 10%, it is **80.8190, -11.7428, 79.9657**.

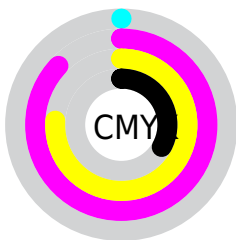
Distribution



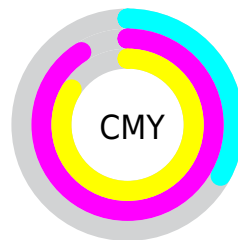
- Red (67%)
- Green (9%)
- Blue (16%)



- Red (67%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (76%)
- Black (33%)



- Cyan (33%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1300, -13.3751, 90.2170 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 69.1300, -13.3751, 90.2170 by changing the saturation by 10% instead.

■ 69.1300, -13.3751,
90.2170

■ 69.1300, -13.3751,
90.2170

255.0000, 0.0000,
0.0000

■ 44.5530, -11.6116,
84.5840

■ 130.3660,
-21.3794, 90.8870

■ 33.1890, -16.3622,
68.2402

■ 155.9310,
-21.6580, 86.8835

■ 24.2190, -11.9400,
49.7969

■ 175.2170,
-18.8410, 69.9697

■ 16.0750, -6.9390,
32.3832

■ 194.7310,
-15.1504, 52.8559

■ 0.8970, -0.4422,
1.8443

■ 214.8320,
-11.7492, 35.2273

■ 0.0000, 0.0000,
0.0000

■ 235.0470, -7.9112,

17.4988

254.0880, -3.4944,
0.7998

69.1300, -13.3751,
90.2170

69.1300, -13.3751,
90.2170

57.4410, -15.0074,
100.4682

80.8190, -11.7428,
79.9657

54.0500, -15.3076,
103.4421

92.5080, -10.1104,
69.7145

104.7840, -8.7675,
58.9484

116.4730, -7.1352,
48.6972

128.1620, -5.5029,
38.4459

■ 139.7370, -4.3073,
28.2947

■ 151.4260, -2.6750,
18.0434

■ 163.7020, -1.3321,
7.2773

■ 175.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



62.3290, 15.1208, 97.0585



69.1300, -13.3751, 90.2170



79.4720, -39.1797, 60.0991

Triad

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



69.1300, -13.3751, 90.2170



64.3710, -19.9029, -56.4534



77.7670, 56.8099, -68.2017

Complementary

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



69.1300, -13.3751, 90.2170



124.8700, 13.3751, -90.2170

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.



81.6990, 46.4904, -71.6500



69.1300, -13.3751, 90.2170



72.6300, 4.1264, -63.6965

Square

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



69.1300, -13.3751, 90.2170



74.8680, -36.9099, -14.7932



79.3730, 27.4241, -69.6101



84.6920, 47.4798, -15.5159

Rectangle

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



69.1300, -13.3751, 90.2170



82.2750, -40.5616, 36.5928



79.3730, 27.4241, -69.6101



80.3600, 54.0525, -70.4757

Sweetspot

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



69.1300, -13.3751, 90.2170



184.2540, -5.0552, 34.8572



77.9700, 46.3568, 64.9243



88.0350, -2.9753, 21.0173



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.



69.1300, -13.3751, 90.2170



70.3960, -19.9152, 134.7107



99.1350, -38.0276, 63.9026



80.8050, -0.8899, 5.4330



47.1300, -13.3751, 90.2170



7.2190, -2.0800, 13.8399

Inverse Universe

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



69.1300, -13.3751, 90.2170



70.3960, -19.9152, 134.7107



94.8650, 38.0276, -63.9026



80.8050, -0.8899, 5.4330



47.1300, -13.3751, 90.2170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 69.1300, -13.3751, 90.2170 looks on a white background.

Color Contrast Check

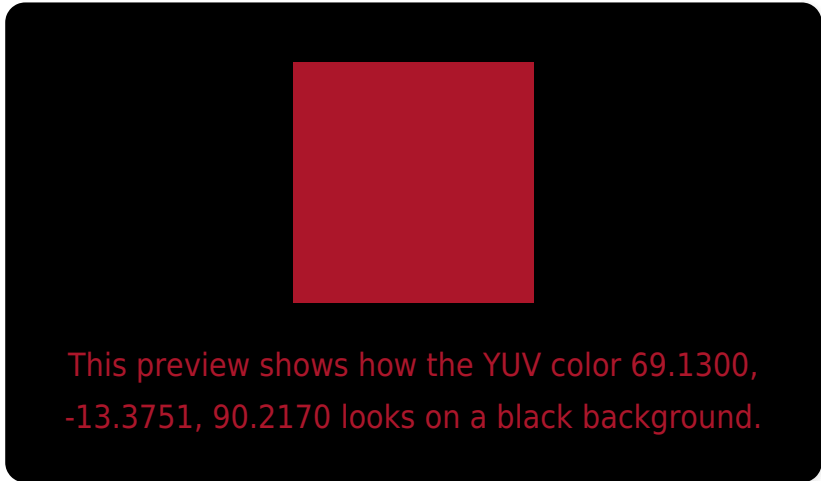
Large Text (above 18pt) WCAG AA ✓ Pass

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

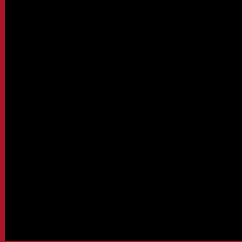
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.1300, -13.3751, 90.2170

Background



This preview shows how black text looks on a background with the YUV color 69.1300, -13.3751, 90.2170.



This preview shows how white text looks on a background with the YUV color 69.1300, -13.3751,

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

69.1300, -13.3751, 90.2170

Protanopia

88.0150, -12.8254, 7.0028

Deuteranopia

86.1450, -26.6935, 21.7978



Tritanopia

69.4260, -22.3950, 89.9574

Trichromacy



Original Color

69.1300, -13.3751, 90.2170

Protanomaly

81.5010, -13.0650, 37.2716

Deuteranomaly

79.6780, -21.5333, 46.7634

Tritanomaly

69.6370, -19.0480, 89.7724

Monochromacy



Original Color

69.1300, -13.3751, 90.2170

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9440, -4.9024, 32.4981

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1300, -13.3751, 90.2170 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(172, 22, 42)` looks like.

```
.text, #text, p{  
    color:rgb(172, 22, 42)  
}
```

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(172, 22, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 22, 42) }
```

Border

The CSS property to change the border of an element to YUV 69.1300, -13.3751, 90.2170 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(172, 22, 42) }
```


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

```
.border{ border-color:rgb(172, 22, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 22, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 22, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 22, 42);  
box-shadow:4px 4px 4px 4px rgb(172, 22,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 69.1300, -13.3751, 90.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 22, 42) }
```

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

```
.background{ background-color: rgb(172, 22,  
42) }
```

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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