

Converting Colors

YUV(69.5190, 13.5481, 88.1218)

Have a look what the booklet for
YUV(69.5190, 13.5481, 88.1218)
contains.

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Color

**YUV(69.5190, 13.5481,
88.1218)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0D61
RGB	170, 13, 97
RGB Percent	67%, 5%, 38%
CMY	0.3333, 0.9490, 0.6196
CMYK	0.00, 0.92, 0.43, 0.33
HSL	328°, 86%, 36%
HSV	328°, 92%, 67%
XYZ	18.8792, 9.6970, 12.1859
YIQ	69.5190, 66.6080, 59.4080

Conversions

Conversions Part 2

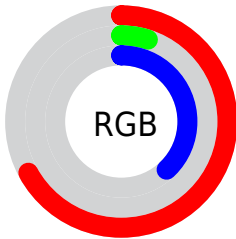
Format	Color
R_{YB}	170, 13, 97
Decimal	11144545
CIE _{Lab}	37.29, 62.02, -4.50
CIE _{LCh}	37, 62.184, 355.852
Yxy	9.6970, 0.4632, 0.2379
Android (android.graphics.Color)	4289334625 (0xFFAA0D61)
YUV	69.5190, 13.5481, 88.1218
Hunter-Lab	31.1399, 53.7239, -1.4038

Details

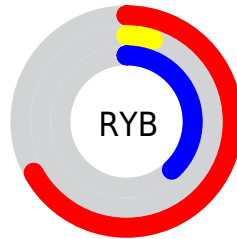
The YUV color **69.5190, 13.5481, 88.1218** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **113.4810, -13.5481, -88.1218**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8360, 5.9969, 83.4588**, and **39.3020, 5.7671, 63.7561** is the 20% darker color. If you saturate the color by 10%, you get **61.2040, 14.6894, 95.4141**, and if you desaturate by 10%, it is **80.4100, 12.1229, 78.5704**.

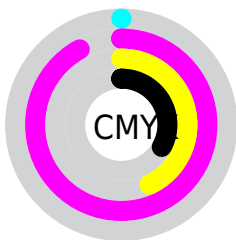
Distribution



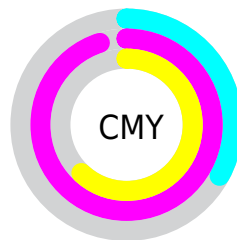
- Red (67%)
- Green (5%)
- Blue (38%)



- Red (67%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (92%)
- Yellow (43%)
- Black (33%)





- Cyan (33%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.5190, 13.5481, 88.1218 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 69.5190, 13.5481, 88.1218 by changing the saturation by 10% instead.


 69.5190, 13.5481,
88.1218

 69.5190, 13.5481,
88.1218


255.0000, 0.0000,
0.0000


 50.4810, 11.1019,
79.3852

 134.8360, 5.9969,
83.4588


 39.3020, 5.7671,
63.7561


 161.8250, 6.0023,
81.7145


 28.2370, 0.8692,
48.0272

 181.9260, 9.4035,
64.0859

 17.5700, -7.6760,
35.4571

 201.5540, 13.5309,
46.8721

 5.0830, -2.5059,
10.4512

 221.5410, 16.4953,
29.3435

 0.0000, 0.0000,
0.0000

 238.5640, 8.1029,

14.4144

■ 69.5190, 13.5481,
88.1218

■ 69.5190, 13.5481,
88.1218

■ 61.2040, 14.6894,
95.4141

■ 80.4100, 12.1229,
78.5704

■ 91.3010, 10.6976,
69.0190

■ 102.1920, 9.2723,
59.4676

■ 113.0830, 7.8471,
49.9162

■ 123.9740, 6.4218,
40.3648

■ 134.7510, 4.5598,
30.9134

■ 145.6420, 3.1345,
21.3620

■ 156.5330, 1.7092,
11.8106

■ 167.4240, 0.2840,
2.2592

Harmonies

Analogous

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



86.5660, 28.8080, 46.8616



69.5190, 13.5481, 88.1218



73.0370, -12.3432, 85.9136

Triad

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



69.5190, 13.5481, 88.1218



76.9610, -37.9418, -10.4898



81.7160, 44.0170, -71.6649

Complementary

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



69.5190, 13.5481, 88.1218



113.4810, -13.5481, -88.1218

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.



78.8030, 25.2401, -69.1102



69.5190, 13.5481, 88.1218



64.3710, -19.9029, -56.4534

Square

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



69.5190, 13.5481, 88.1218



82.8070, -40.8239, 27.3563



72.4020, 3.2528, -63.4966



78.4850, 54.4839, -68.8313

Rectangle

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



69.5190, 13.5481, 88.1218



78.9600, -32.5183, 70.1951



72.4020, 3.2528, -63.4966



81.5220, 38.1967, -71.4948

Sweetspot

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



69.5190, 13.5481, 88.1218



182.3000, 5.2751, 34.8169



52.1270, 58.1114, 27.9526



87.6420, 3.1345, 21.3620



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.



69.5190, 13.5481, 88.1218



79.9440, 19.2546, 124.5831



60.8550, -19.6485, 95.7202



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Inverse Universe

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



69.5190, 13.5481, 88.1218



79.9440, 19.2546, 124.5831



122.1450, 19.6485, -95.7202



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 69.5190, 13.5481, 88.1218 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

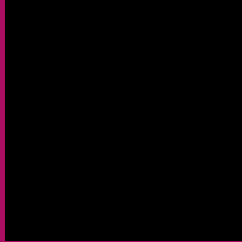
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5190, 13.5481, 88.1218

Background



This preview shows how black text looks on a background with the YUV color 69.5190, 13.5481, 88.1218.



This preview shows how white text looks on a background with the YUV color 69.5190, 13.5481,

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

69.5190, 13.5481, 88.1218

Protanopia

88.9160, 24.1984, -14.8353

Deuteranopia

90.6310, -0.3111, 6.4626



Tritanopia

78.0870, -18.2839, 77.9767

Trichromacy



Original Color

69.5190, 13.5481, 88.1218

Protanomaly

82.1210, 20.1533, 22.6959

Deuteranomaly

82.8980, 4.9803, 36.0465

Tritanomaly

74.7960, -6.8014, 81.7399

Monochromacy



Original Color

69.5190, 13.5481, 88.1218

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.5770, 5.1385, 31.9430

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5190, 13.5481, 88.1218 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(170, 13, 97)` looks like.

```
.text, #text, p{  
    color:rgb(170, 13, 97)  
}
```

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(170, 13, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 13, 97) }
```

Border

The CSS property to change the border of an element to YUV 69.5190, 13.5481, 88.1218 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(170, 13, 97) }
```


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

```
.border{ border-color:rgb(170, 13, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 13, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 13, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 13, 97);  
box-shadow:4px 4px 4px 4px rgb(170, 13,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 69.5190, 13.5481, 88.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 13, 97) }
```

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

```
.background{ background-color: rgb(170, 13,  
97) }
```

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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