

Converting Colors

YUV(61.1610, 13.2316, 96.3288)

Have a look what the booklet for
YUV(61.1610, 13.2316, 96.3288)
contains.

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Color

**YUV(61.1610, 13.2316,
96.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0058
RGB	171, 0, 88
RGB Percent	67%, 0%, 35%
CMY	0.3294, 1.0000, 0.6549
CMYK	0.00, 1.00, 0.49, 0.33
HSL	329°, 100%, 34%
HSV	329°, 100%, 67%
XYZ	18.5560, 9.3625, 10.0617
YIQ	61.1610, 73.6680, 63.6200

Conversions

Conversions Part 2

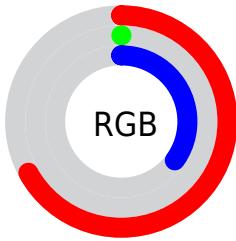
Format	Color
R_{YB}	171, 0, 88
Decimal	11206744
CIE _{Lab}	36.67, 63.02, 0.40
CIE _{LCh}	37, 63.021, 0.359
Yxy	9.3625, 0.4886, 0.2465
Android (android.graphics.Color)	4289396824 (0xFFAB0058)
YUV	61.1610, 13.2316, 96.3288
Hunter-Lab	30.5982, 54.7030, 1.9223

Details

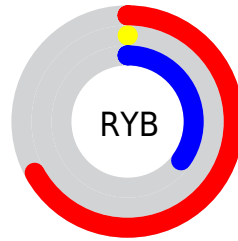
The YUV color **61.1610, 13.2316, 96.3288** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **109.8390, -13.2316, -96.3288**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7610, 3.0758, 87.0326**, and **38.3900, 2.2727, 64.5560** is the 20% darker color. If you saturate the color by 10%, you get **61.1610, 13.2316, 96.3288**, and if you desaturate by 10%, it is **72.0520, 11.8064, 86.7774**.

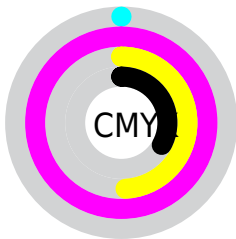
Distribution



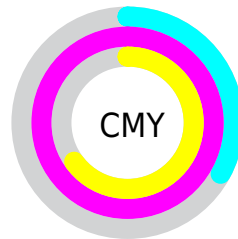
- Red (67%)
- Green (0%)
- Blue (35%)



- Red (67%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (33%)





- Cyan (33%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1610, 13.2316, 96.3288 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 61.1610, 13.2316, 96.3288 by changing the saturation by 10% instead.

 61.1610, 13.2316,
96.3288


 61.1610, 13.2316,
96.3288


255.0000, 0.0000,
0.0000

 49.5690, 7.6075,
80.1850


 131.7610, 3.0758,
87.0326


 38.3900, 2.2727,
64.5560


 158.9240, 2.5025,
84.2587


 27.4390, -2.1884,
48.7270

 178.4380, 6.1931,
67.1449

 16.9720, -7.3812,
34.2276

 198.6530, 10.0311,
49.4163

 4.1860, -2.0637,
8.6069

 218.8680, 13.8691,
31.6878

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 61.1610, 13.2316,
96.3288

■ 72.0520, 11.8064,
86.7774

■ 83.0570, 10.8179,
77.1260

■ 93.9480, 9.3926,
67.5746

■ 104.8390, 7.9674,
58.0232

■ 115.8440, 6.9789,
48.3718

■ 127.3220, 5.2643,
38.3056

■ 138.2130, 3.8390,
28.7542

■ 149.1040, 2.4137,
19.2028

■ 160.1090, 1.4253,
9.5514

Harmonies

Analogous

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



82.4530, 26.8917, 54.8537



61.1610, 13.2316, 96.3288



71.5870, -16.5584, 84.5542

Triad

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



61.1610, 13.2316, 96.3288



73.3730, -36.1729, -17.8671



80.9980, 46.3430, -71.0352

Complementary

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



61.1610, 13.2316, 96.3288



109.8390, -13.2316, -96.3288

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.



78.4270, 28.8765, -68.7805



61.1610, 13.2316, 96.3288



64.5820, -16.5559, -56.6384

Square

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



61.1610, 13.2316, 96.3288



81.5890, -40.2234, 21.4084



72.4990, 6.1630, -63.5816



76.1370, 55.6415, -66.7721

Rectangle

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



61.1610, 13.2316, 96.3288



77.1570, -38.0384, 67.3913



72.4990, 6.1630, -63.5816



80.9180, 40.9594, -70.9651

Sweetspot

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



61.1610, 13.2316, 96.3288



179.0230, 5.4117, 37.6908



44.3110, 62.4577, 33.9303



86.3540, 3.2765, 22.4915



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.



61.1610, 13.2316, 96.3288



79.3740, 17.0706, 125.0830



51.4710, -23.8962, 104.8269



81.1470, 0.4205, 5.1331



53.6280, 11.5224, 84.5182



8.2450, 1.8512, 12.9401

Inverse Universe

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



61.1610, 13.2316, 96.3288



79.3740, 17.0706, 125.0830



119.5290, 23.8962, -104.8269



81.1470, 0.4205, 5.1331



53.6280, 11.5224, 84.5182



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 61.1610, 13.2316, 96.3288 looks on a white background.

Color Contrast Check

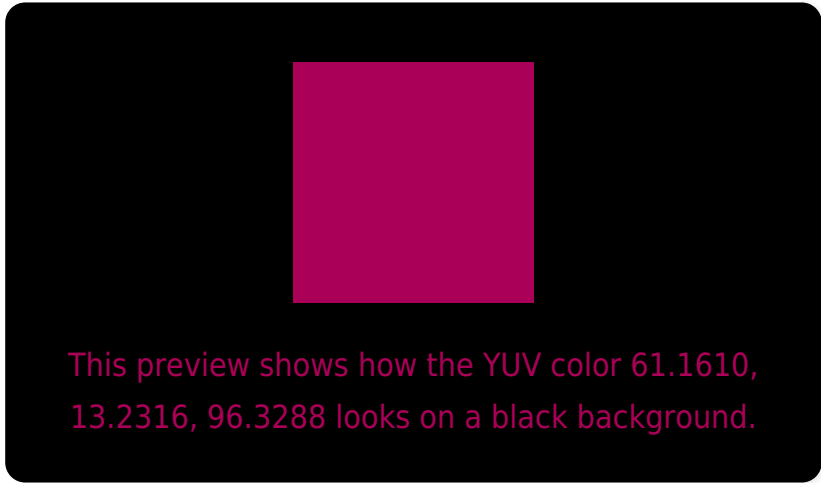
Large Text (above 18pt) WCAG AA ✓ Pass

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

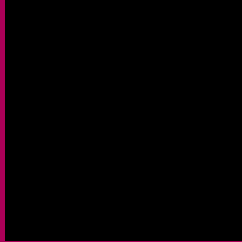
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1610, 13.2316, 96.3288

Background



This preview shows how black text looks on a background with the YUV color 61.1610, 13.2316, 96.3288.



This preview shows how white text looks on a background with the YUV color 61.1610, 13.2316,

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

61.1610, 13.2316, 96.3288

Protanopia

89.1570, 18.6566, -10.6617

Deuteranopia

89.9150, -4.3951, 9.7215



Tritanopia

74.7670, -19.6051, 81.7653

Trichromacy



Original Color

61.1610, 13.2316, 96.3288

Protanomaly

78.9430, 16.7901, 28.1140

Deuteranomaly

79.5350, 2.2012, 40.7498

Tritanomaly

69.6010, -7.6913, 87.1729

Monochromacy



Original Color

61.1610, 13.2316, 96.3288

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1860, 4.8383, 34.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1610, 13.2316, 96.3288 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(171, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 88)  
}
```

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(171, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 88) }
```

Border

The CSS property to change the border of an element to YUV 61.1610, 13.2316, 96.3288 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(171, 0, 88) }
```


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

```
.border{ border-color:rgb(171, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.1610, 13.2316, 96.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 88) }
```

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

```
.background{ background-color: rgb(171, 0,  
88) }
```

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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