

Converting Colors

YUV(67.4100, 15.5739, 91.7254)

Have a look what the booklet for
YUV(67.4100, 15.5739, 91.7254)
contains.

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Color

**YUV(67.4100, 15.5739,
91.7254)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AC0863 |
| RGB | 172, 8, 99 |
| RGB Percent | 67%, 3%, 39% |
| CMY | 0.3255, 0.9686, 0.6118 |
| CMYK | 0.00, 0.95, 0.42, 0.33 |
| HSL | 327°, 91%, 35% |
| HSV | 327°, 95%, 67% |
| XYZ | 19.3522, 9.8452, 12.6847 |
| YIQ | 67.4100, 68.5330, 63.0690 |

Conversions

Conversions Part 2

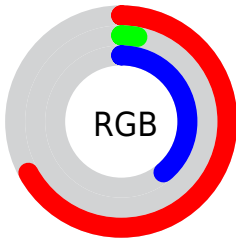
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 172, 8, 99 |
| Decimal | 11274339 |
| CIE Lab | 37.56, 63.27, -5.33 |
| CIE LCh | 38, 63.498, 355.186 |
| Yxy | 9.8452, 0.4621, 0.2351 |
| Android (android.graphics.Color) | 4289464419 (0xFFAC0863) |
| YUV | 67.4100, 15.5739, 91.7254 |
| Hunter-Lab | 31.3770, 55.1826, -2.0051 |

Details

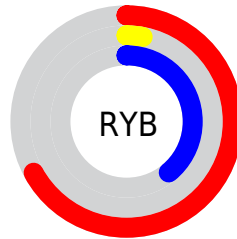
The YUV color **67.4100, 15.5739, 91.7254** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **112.5900, -15.5739, -91.7254**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1890, 7.3018, 84.9032**, and **40.1280, 6.3459, 64.7857** is the 20% darker color. If you saturate the color by 10%, you get **62.2580, 16.1418, 96.2437**, and if you desaturate by 10%, it is **78.3010, 14.1486, 82.1740**.

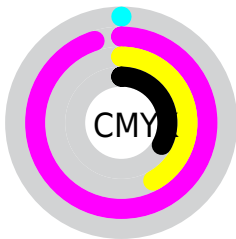
Distribution



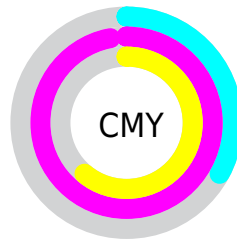
- Red (67%)
- Green (3%)
- Blue (39%)



- Red (67%)
- Yellow (3%)
- Blue (39%)



- Cyan (0%)
- Magenta (95%)
- Yellow (42%)
- Black (33%)





- Cyan (33%)
- Magenta (97%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.4100, 15.5739, 91.7254 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 67.4100, 15.5739, 91.7254 by changing the saturation by 10% instead.

 67.4100, 15.5739,
91.7254


 67.4100, 15.5739,
91.7254

255.0000, 0.0000,
0.0000


 51.3070, 11.6806,
80.4148


 135.1890, 7.3018,
84.9032


 40.1280, 6.3459,
64.7857


 162.0530, 6.8759,
81.5145


 29.0630, 1.4479,
49.0567

 181.6810, 11.0033,
64.3008

 18.2110, -6.5130,
35.7720

 201.8960, 14.8413,
46.5722

 6.2790, -3.0955,
12.9103

 221.5410, 16.4953,
29.3435

 0.0000, 0.0000,
0.0000

 238.5640, 8.1029,

14.4144

■ 67.4100, 15.5739,
91.7254

■ 67.4100, 15.5739,
91.7254

■ 62.2580, 16.1418,
96.2437

■ 78.3010, 14.1486,
82.1740

■ 89.0780, 12.2865,
72.7226

■ 100.5560, 10.5719,
62.6564

■ 111.4470, 9.1466,
53.1050

■ 122.2240, 7.2846,
43.6536

■ 133.1150, 5.8593,
34.1021

■ 144.0060, 4.4340,
24.5507

■ 155.3700, 2.2826,
14.5845

■ 166.2610, 0.8573,
5.0331

Harmonies

Analogous

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



86.9080, 30.1184, 46.5617



67.4100, 15.5739, 91.7254



71.9880, -11.3331, 88.5875

Triad

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



67.4100, 15.5739, 91.7254



77.2600, -38.0892, -9.8750



82.5310, 44.6012, -72.3797

Complementary

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



67.4100, 15.5739, 91.7254



112.5900, -15.5739, -91.7254

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.



79.5040, 25.3875, -69.7250



67.4100, 15.5739, 91.7254



64.6160, -21.5027, -56.6682

Square

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



67.4100, 15.5739, 91.7254



83.6930, -41.2606, 27.4562



72.8750, 2.5266, -63.9114



79.4140, 55.5049, -69.6461

Rectangle

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



67.4100, 15.5739, 91.7254



78.3840, -32.2343, 72.4542



72.8750, 2.5266, -63.9114



82.3370, 38.7809, -72.2095

Sweetspot

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



67.4100, 15.5739, 91.7254



182.5390, 6.1433, 36.3613



47.9250, 61.1690, 27.2528



87.1690, 3.8607, 21.7768



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.



67.4100, 15.5739, 91.7254



81.2260, 21.5806, 125.2128



58.2900, -19.3700, 99.7237



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Inverse Universe

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



67.4100, 15.5739, 91.7254



81.2260, 21.5806, 125.2128



121.7100, 19.3700, -99.7237



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 67.4100, 15.5739, 91.7254 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

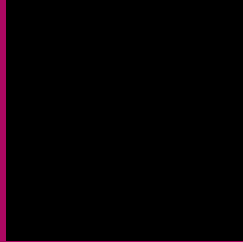
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4100, 15.5739, 91.7254

Background



This preview shows how black text looks on a background with the YUV color 67.4100, 15.5739, 91.7254.



This preview shows how white text looks on a background with the YUV color 67.4100, 15.5739,

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

67.4100, 15.5739, 91.7254

Protanopia

89.6600, 25.8036, -16.3648

Deuteranopia

91.7450, 0.1257, 6.3626



Tritanopia

78.6850, -18.5787, 79.2063

Trichromacy



Original Color

67.4100, 15.5739, 91.7254

Protanomaly

81.8760, 21.7531, 22.9107

Deuteranomaly

83.1370, 5.8485, 37.5909

Tritanomaly

74.3340, -6.0807, 83.8991

Monochromacy



Original Color

67.4100, 15.5739, 91.7254

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.4030, 5.7173, 32.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4100, 15.5739, 91.7254 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, 8, 99)` looks like.

```
.text, #text, p{  
  color:rgb(172, 8, 99)  
}
```

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, 8, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 8, 99) }
```

Border

The CSS property to change the border of an element to YUV 67.4100, 15.5739, 91.7254 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, 8, 99) }
```


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

```
.border{ border-color:rgb(172, 8, 99) }
```

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

Here you see how a box with a 4 pixel rgb(172, 8, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 8, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 8, 99);  
box-shadow:4px 4px 4px 4px rgb(172, 8, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4100, 15.5739, 91.7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 8, 99) }
```

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

```
.background{ background-color: rgb(172, 8,  
99) }
```

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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