

Converting Colors

YUV(63.4140, 12.6139, 61.0269)

Have a look what the booklet for
YUV(63.4140, 12.6139, 61.0269)
contains.

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Color

**YUV(63.4140, 12.6139,
61.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	851759
RGB	133, 23, 89
RGB Percent	52%, 9%, 35%
CMY	0.4784, 0.9098, 0.6510
CMYK	0.00, 0.83, 0.33, 0.48
HSL	324°, 71%, 31%
HSV	324°, 83%, 52%
XYZ	11.7824, 6.3206, 10.0502
YIQ	63.4140, 44.3740, 43.8460

Conversions

Conversions Part 2

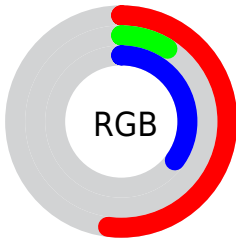
Format	Color
R_{YB}	133, 23, 89
Decimal	8722265
CIE _{Lab}	30.21, 50.14, -10.72
CIE _{LCh}	30, 51.271, 347.933
Yxy	6.3206, 0.4185, 0.2245
Android (android.graphics.Color)	4286912345 (0xFF851759)
YUV	63.4140, 12.6139, 61.0269
Hunter-Lab	25.1408, 39.6589, -6.1030

Details

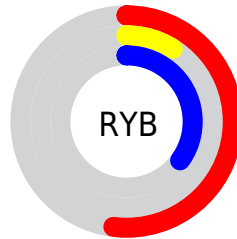
The YUV color **63.4140, 12.6139, 61.0269** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **92.5860, -12.6139, -61.0269**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.2030, 9.2669, 61.2120**, and **28.5230, 7.1372, 44.2683** is the 20% darker color. If you saturate the color by 10%, you get **55.2130, 14.1920, 68.2192**, and if you desaturate by 10%, it is **71.6150, 11.0358, 53.8346**.

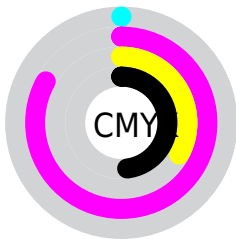
Distribution



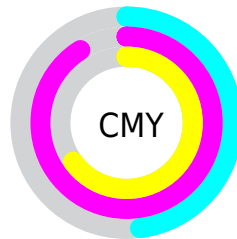
- Red (52%)
- Green (9%)
- Blue (35%)



- Red (52%)
- Yellow (9%)
- Blue (35%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (48%)



- Cyan (48%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4140, 12.6139, 61.0269 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 63.4140, 12.6139, 61.0269 by changing the saturation by 10% instead.

63.4140, 12.6139,
61.0269

63.4140, 12.6139,
61.0269

255.0000, 0.0000,
0.0000

39.2180, 13.2035,
58.5678

120.2030, 9.2669,
61.2120

28.5230, 7.1372,
44.2683

147.1000, 8.8247,
63.0563

19.1810, 2.3758,
31.4133

174.6980, 8.5299,
64.2859

5.3820, -2.6533,
11.0660

196.4190, 11.6254,
51.3755

0.0000, 0.0000,
0.0000

216.1610, 16.1896,
34.0618

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

63.4140, 12.6139,
61.0269

63.4140, 12.6139,
61.0269

55.2130, 14.1920,
68.2192

71.6150, 11.0358,
53.8346

48.8870, 15.3387,
73.7671

80.5170, 9.6051,
46.0276

88.7180, 8.0270,
38.8353

96.9190, 6.4489,
31.6430

105.8210, 5.0182,
23.8360

■ 114.0220, 3.4402,
16.6437

■ 122.2230, 1.8621,
9.4514

■ 130.5380, 0.7208,
2.1592

■ 139.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



72.0380, 26.1103, 25.3997



63.4140, 12.6139, 61.0269



59.7730, -5.3111, 70.3591

Triad

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



63.4140, 12.6139, 61.0269



64.0470, -31.5752, 0.8358



65.8890, 31.6067, -57.7847

Complementary

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



63.4140, 12.6139, 61.0269



92.5860, -12.6139, -61.0269

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.



62.4860, 16.0294, -54.8002



63.4140, 12.6139, 61.0269



50.1060, -21.2513, -43.9430

Square

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



63.4140, 12.6139, 61.0269



67.7670, -33.4091, 29.1453



57.1110, -2.0267, -50.0863



64.6470, 42.0790, -56.6954

Rectangle

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



63.4140, 12.6139, 61.0269



63.6350, -19.5401, 60.8331



57.1110, -2.0267, -50.0863



65.3360, 26.9494, -57.2997

Sweetspot

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



63.4140, 12.6139, 61.0269



145.8210, 5.0182, 23.8360



48.6960, 41.5619, 16.0526



70.4840, 2.7194, 14.4845



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4140, 12.6139, 61.0269



64.8710, 19.7836, 94.8291



57.1440, -11.4100, 66.5257



62.2500, 0.8628, 3.2888



47.7620, 14.9073, 72.1227



1.1250, 0.4314, 1.6444

Inverse Universe

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



63.4140, 12.6139, 61.0269



64.8710, 19.7836, 94.8291



98.8560, 11.4100, -66.5257



62.2500, 0.8628, 3.2888



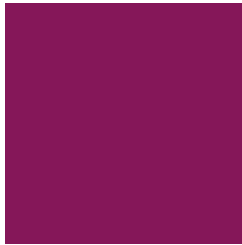
47.7620, 14.9073, 72.1227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 63.4140, 12.6139, 61.0269 looks on a white background.

Color Contrast Check

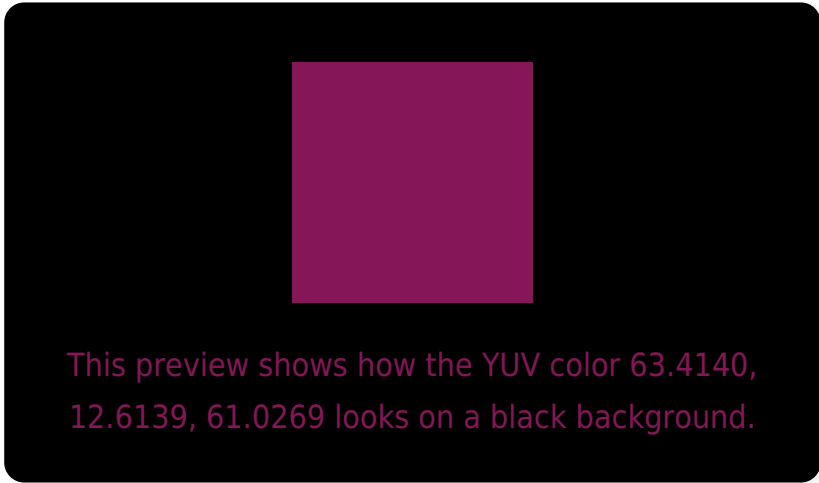
Large Text (above 18pt) WCAG AA ✓ Pass

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

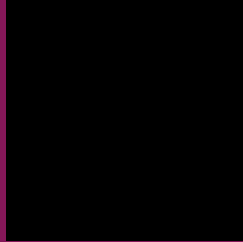
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4140, 12.6139, 61.0269

Background



This preview shows how black text looks on a background with the YUV color 63.4140, 12.6139, 61.0269.



This preview shows how white text looks on a background with the YUV color 63.4140, 12.6139,

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

63.4140, 12.6139, 61.0269

Protanopia

71.1330, 25.0774, -16.7796

Deuteranopia

73.5640, 4.6519, 1.2594



Tritanopia

67.1380, -12.3930, 55.1300

Trichromacy



Original Color

63.4140, 12.6139, 61.0269

Protanomaly

68.4570, 20.4807, 11.0002

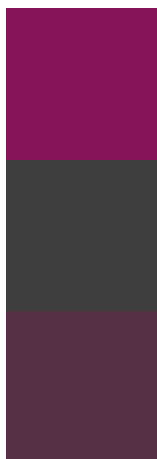
Deuteranomaly

70.0920, 7.3496, 22.7213

Tritanomaly

65.8530, -3.3785, 57.1339

Monochromacy



Original Color

63.4140, 12.6139, 61.0269

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6960, 4.5869, 22.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4140, 12.6139, 61.0269 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(133, 23, 89)` looks like.

```
.text, #text, p{  
    color:rgb(133, 23, 89)  
}
```

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(133, 23, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 23, 89) }
```

Border

The CSS property to change the border of an element to YUV 63.4140, 12.6139, 61.0269 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(133, 23, 89) }
```


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

```
.border{ border-color:rgb(133, 23, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 23, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 23, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 23, 89);  
box-shadow:4px 4px 4px 4px rgb(133, 23,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 63.4140, 12.6139, 61.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 23, 89) }
```

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

```
.background{ background-color: rgb(133, 23,  
89) }
```

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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