

Converting Colors

YUV(67.0500, 55.1913, 78.0092)

Have a look what the booklet for
YUV(67.0500, 55.1913, 78.0092)
contains.

YUV(67.0500, 55.1913, 78.0092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(67.0500, 55.1913,
78.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	9C00B3
RGB	156, 0, 179
RGB Percent	61%, 0%, 70%
CMY	0.3882, 1.0000, 0.2980
CMYK	0.13, 1.00, 0.00, 0.30
HSL	292°, 100%, 35%
HSV	292°, 100%, 70%
XYZ	21.8470, 10.3226, 43.4888
YIQ	67.0500, 35.5170, 88.7410

Conversions

Conversions Part 2

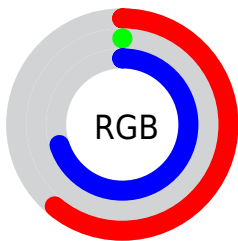
Format	Color
R_{YB}	156, 0, 179
Decimal	10223795
CIE _{Lab}	38.42, 71.73, -53.47
CIE _{LCh}	38, 89.468, 323.299
Yxy	10.3226, 0.2888, 0.1364
Android (android.graphics.Color)	4288413875 (0xFF9C00B3)
YUV	67.0500, 55.1913, 78.0092
Hunter-Lab	32.1288, 65.1513, -57.7635

Details

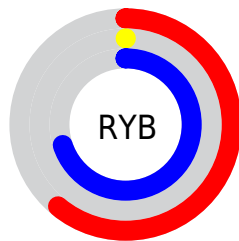
The YUV color **67.0500, 55.1913, 78.0092** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **111.9500, -55.1913, -78.0091**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3230, 47.6618, 66.3687**, and **43.8510, 40.0065, 48.3657** is the 20% darker color. If you saturate the color by 10%, you get **67.0500, 55.1913, 78.0092**, and if you desaturate by 10%, it is **78.2140, 49.6875, 69.9723**.

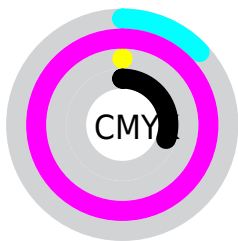
Distribution



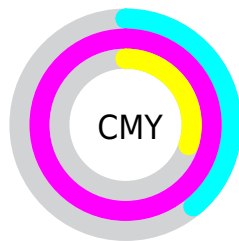
- Red (61%)
- Green (0%)
- Blue (70%)



- Red (61%)
- Yellow (0%)
- Blue (70%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0500, 55.1913, 78.0092 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 67.0500, 55.1913, 78.0092 by changing the saturation by 10% instead.

67.0500, 55.1913,
78.0092

67.0500, 55.1913,
78.0092

255.0000, 0.0000,
0.0000

55.3010, 47.6726,
62.8800

139.3230, 47.6618,
66.3687

43.8510, 40.0065,
48.3657

167.4820, 43.1464,
67.9833

32.5150, 32.7771,
33.7513

187.4950, 33.2800,
59.2019

22.0050, 26.1265,
20.1666

203.9310, 25.1770,
44.7875

7.6080, 21.3923,
-1.4102

220.9540, 16.7847,
29.8583

4.4800, 12.0884,
-3.9290

238.5640, 8.1029,

0.0000, 0.0000,

14.4144

0.0000

■ 67.0500, 55.1913,
78.0092

■ 78.2140, 49.6875,
69.9723

■ 89.6770, 44.0362,
62.5503

■ 100.8410, 38.5324,
54.5134

■ 112.0050, 33.0285,
46.4766

■ 123.1690, 27.5247,
38.4398

■ 134.0450, 22.1628,
31.5325

■ 145.2090, 16.6590,
23.4957

■ 156.3730, 11.1551,
15.4589

■ 167.8360, 5.5039,
8.0368

Harmonies

Analogous

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



72.8380, 76.0019, -63.8789



67.0500, 55.1913, 78.0092



73.2370, 18.1242, 113.8022

Triad

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



67.0500, 55.1913, 78.0092



85.5090, -42.1559, 34.6336



86.0240, 30.0612, -75.4430

Complementary

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



67.0500, 55.1913, 78.0092



111.9500, -55.1913, -78.0091

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.



76.1860, -2.5567, -66.8151



67.0500, 55.1913, 78.0092



76.3080, -37.6198, -20.4411

Square

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



67.0500, 55.1913, 78.0092



73.4570, -36.2143, 89.0532



65.7440, -32.4118, -57.6575



91.9180, 57.7214, -80.6121

Rectangle

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



67.0500, 55.1913, 78.0092



69.6730, -3.2898, 122.1898



65.7440, -32.4118, -57.6575



82.5870, 19.4306, -72.4288

Sweetspot

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



67.0500, 55.1913, 78.0092



188.2190, 21.5840, 30.5029



34.4940, 71.2415, -30.2512



90.8510, 12.8915, 18.5477



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



67.0500, 55.1913, 78.0092



86.8460, 71.5609, 100.9901



66.4030, 22.9723, 98.7476



83.4180, 2.7519, 4.0184



57.2090, 47.2250, 66.4687



9.5420, 8.1138, 10.9257

Inverse Universe

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



56.1430, -16.3395, 107.7456



72.7880, -21.0945, 139.6289



112.5970, -22.9723, -98.7476



82.8050, -0.8899, 5.4330



48.0270, -13.8173, 92.0613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 67.0500, 55.1913, 78.0092 looks on a white background.

Color Contrast Check

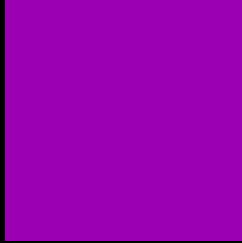
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 67.0500, 55.1913, 78.0092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

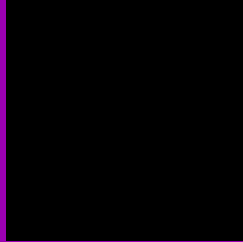
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0500, 55.1913, 78.0092

Background



This preview shows how black text looks on a background with the YUV color 67.0500, 55.1913, 78.0092.

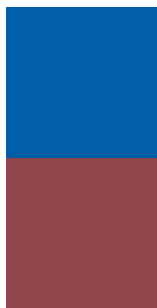


This preview shows how white text looks on a background with the YUV color 67.0500, 55.1913,

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



Deuteranopia

74.9170, 45.8899, -65.7022

Tritanopia

92.3970, -8.5767, 44.3788

Trichromacy



Deuteranomaly

71.8710, 49.3636, -13.0419



Tritanomaly

83.5490, 14.5193, 56.5235

Monochromacy



Achromatopsia

67.0000, 0.0000, 0.0000



Achromatomaly

67.1540, 20.1371, 27.9289

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0500, 55.1913, 78.0092 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(156, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 179)  
}
```

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(156, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 179) }
```

Border

The CSS property to change the border of an element to YUV 67.0500, 55.1913, 78.0092 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(156, 0, 179) }
```

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

```
.border{ border-color:rgb(156, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(156, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(156, 0,  
179) }
```


Background

The CSS property to change the background color of an element to YUV 67.0500, 55.1913, 78.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 179) }
```

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

```
.background{ background-color: rgb(156, 0,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor