

Converting Colors

YUV(96.1710, 7.8037, 63.8710)

Have a look what the booklet for
YUV(96.1710, 7.8037, 63.8710)
contains.

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Color

**YUV(96.1710, 7.8037,
63.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	A93870
RGB	169, 56, 112
RGB Percent	66%, 22%, 44%
CMY	0.3373, 0.7804, 0.5608
CMYK	0.00, 0.67, 0.34, 0.34
HSL	330°, 50%, 44%
HSV	330°, 67%, 66%
XYZ	20.7010, 12.4332, 16.6380
YIQ	96.1710, 49.3720, 41.3720

Conversions

Conversions Part 2

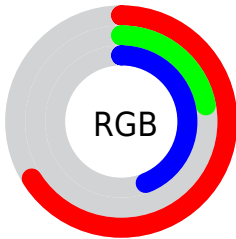
Format	Color
R_{YB}	169, 56, 112
Decimal	11090032
CIE Lab	41.90, 51.28, -7.10
CIE LCh	42, 51.765, 352.113
Yxy	12.4332, 0.4159, 0.2498
Android (android.graphics.Color)	4289280112 (0xFFA93870)
YUV	96.1710, 7.8037, 63.8710
Hunter-Lab	35.2608, 43.0879, -3.2938

Details

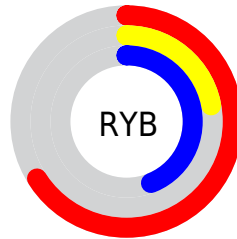
The YUV color **96.1710, 7.8037, 63.8710** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **128.8290, -7.8037, -63.8710**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1390, 6.3405, 66.5301**, and **41.0830, 11.2981, 63.0712** is the 20% darker color. If you saturate the color by 10%, you get **85.1660, 8.7922, 73.5224**, and if you desaturate by 10%, it is **107.1760, 6.8152, 54.2196**.

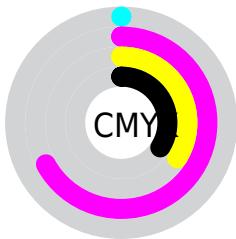
Distribution



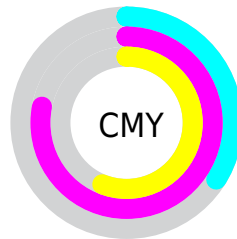
- Red (66%)
- Green (22%)
- Blue (44%)



- Red (66%)
- Yellow (22%)
- Blue (44%)



- Cyan (0%)
- Magenta (67%)
- Yellow (34%)
- Black (34%)





- Cyan (34%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.1710, 7.8037, 63.8710 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 96.1710, 7.8037, 63.8710 by changing the saturation by 10% instead.


 96.1710, 7.8037,
63.8710


 96.1710, 7.8037,
63.8710


255.0000, 0.0000,
0.0000


 66.8660, 10.4191,
65.0155


 151.1390, 6.3405,
66.5301


 41.0830, 11.2981,
63.0712


 179.0250, 5.9037,
66.6301


 30.2030, 5.8159,
48.0570

 198.0660, 10.3205,
49.9311

 20.4480, 0.7651,
34.6871

 217.6940, 14.4479,
32.7174

 9.0840, -3.9854,
18.3433

 235.6290, 9.5499,
16.9884

 0.0000, 0.0000,
0.0000

 252.6520, 1.1576,

2.0592

■ 96.1710, 7.8037,
63.8710

■ 96.1710, 7.8037,
63.8710

■ 85.1660, 8.7922,
73.5224

■ 107.1760, 6.8152,
54.2196

■ 74.2750, 10.2174,
83.0738

■ 118.0670, 5.3900,
44.6682

■ 63.2700, 11.2059,
92.7252

■ 129.0720, 4.4015,
35.0169

■ 60.1070, 11.7792,
95.4992

■ 139.9630, 2.9762,
25.4654

■ 150.3810, 2.2772,
16.3289

■ 161.2720, 0.8519,
6.7775

■ 172.2770, -0.1366,
-2.8739

■ 183.1680, -1.5618,
-12.4253

■ 194.1730, -2.5503,
-22.0767

Harmonies

Analogous

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



101.1530, 25.0676, 33.1918



96.1710, 7.8037, 63.8710



94.0520, -11.8576, 70.1144

Triad

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



96.1710, 7.8037, 63.8710



88.8330, -43.7947, 0.1465



86.4290, 39.2285, -75.7982

Complementary

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



96.1710, 7.8037, 63.8710



128.8290, -7.8037, -63.8710

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.



84.0860, 22.6356, -73.7434



96.1710, 7.8037, 63.8710



80.1920, -18.3357, -45.7724

Square

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



96.1710, 7.8037, 63.8710



93.1620, -45.9289, 31.4299



79.0700, 3.4165, -69.3444



83.7850, 49.4060, -73.4794

Rectangle

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



96.1710, 7.8037, 63.8710



94.7400, -25.5078, 61.6180



79.0700, 3.4165, -69.3444



86.3490, 33.8449, -75.7281

Sweetspot

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



96.1710, 7.8037, 63.8710



190.6640, 3.1236, 24.8507



85.6260, 41.1034, 23.1300



92.5550, 1.6984, 15.2993



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



96.1710, 7.8037, 63.8710



106.2430, 12.2052, 98.8879



89.7870, -16.6570, 69.4698



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Inverse Universe

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



96.1710, 7.8037, 63.8710



106.2430, 12.2052, 98.8879



135.2130, 16.6570, -69.4698



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 96.1710, 7.8037, 63.8710 looks on a white background.

Color Contrast Check

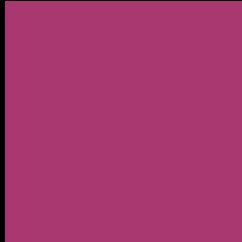
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.1710, 7.8037, 63.8710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

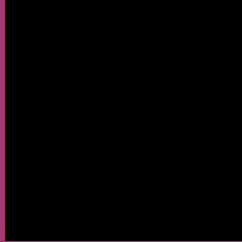
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1710, 7.8037, 63.8710

Background



This preview shows how black text looks on a background with the YUV color 96.1710, 7.8037, 63.8710.



This preview shows how white text looks on a background with the YUV color 96.1710, 7.8037,

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

96.1710, 7.8037, 63.8710

Protanopia

99.6130, 20.4038, -11.0616

Deuteranopia

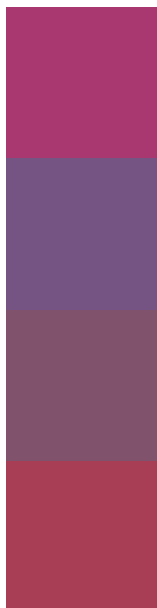
100.7170, 2.6045, 4.6332



Tritanopia

96.3560, -12.9935, 61.0778

Trichromacy



Original Color

96.1710, 7.8037, 63.8710

Protanomaly

98.5240, 15.5177, 16.2035

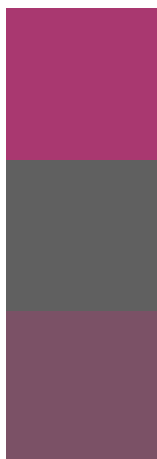
Deuteranomaly

99.0170, 4.4286, 26.2951

Tritanomaly

96.0170, -5.4314, 62.2521

Monochromacy



Original Color

96.1710, 7.8037, 63.8710

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9520, 2.9817, 23.7211

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1710, 7.8037, 63.8710 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(169, 56, 112)` looks like.

```
.text, #text, p{  
    color:rgb(169, 56, 112)  
}
```

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(169, 56, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 56, 112) }
```

Border

The CSS property to change the border of an element to YUV 96.1710, 7.8037, 63.8710 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(169, 56, 112) }
```


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

```
.border{ border-color:rgb(169, 56, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 56, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 56, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 56, 112);  
box-shadow:4px 4px 4px 4px rgb(169, 56,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 96.1710, 7.8037, 63.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 56, 112) }
```

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

```
.background{ background-color: rgb(169, 56,  
112) }
```

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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