

Converting Colors

YUV(95.3250, 0.8258, 61.9820)

Have a look what the booklet for
YUV(95.3250, 0.8258, 61.9820)
contains.

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Color

**YUV(95.3250, 0.8258,
61.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	A63B61
RGB	166, 59, 97
RGB Percent	65%, 23%, 38%
CMY	0.3490, 0.7686, 0.6196
CMYK	0.00, 0.64, 0.42, 0.35
HSL	339°, 48%, 44%
HSV	339°, 64%, 65%
XYZ	19.4475, 12.0980, 12.6194
YIQ	95.3250, 51.5740, 34.5020

Conversions

Conversions Part 2

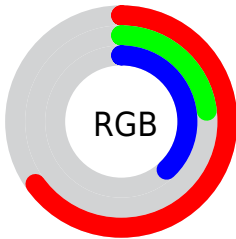
Format	Color
R_{YB}	166, 59, 97
Decimal	10894177
CIE _{Lab}	41.37, 47.34, 1.40
CIE _{LCh}	41, 47.361, 1.700
Yxy	12.0980, 0.4403, 0.2739
Android (android.graphics.Color)	4289084257 (0xFFA63B61)
YUV	95.3250, 0.8258, 61.9820
Hunter-Lab	34.7822, 38.9347, 2.8364

Details

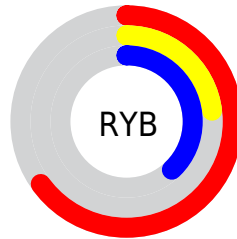
The YUV color **95.3250, 0.8258, 61.9820** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **129.6750, -0.8258, -61.9820**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4780, -1.2217, 65.3558**, and **38.7040, 6.0619, 62.5266** is the 20% darker color. If you saturate the color by 10%, you get **84.0920, 0.9406, 71.8333**, and if you desaturate by 10%, it is **106.5580, 0.7109, 52.1306**.

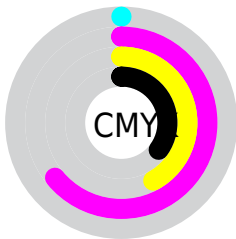
Distribution



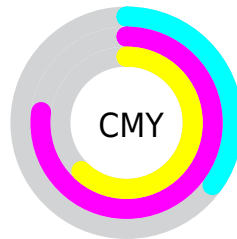
- Red (65%)
- Green (23%)
- Blue (38%)



- Red (65%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (64%)
- Yellow (42%)
- Black (35%)





- Cyan (35%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.3250, 0.8258, 61.9820 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 95.3250, 0.8258, 61.9820 by changing the saturation by 10% instead.

 95.3250, 0.8258,
61.9820

 95.3250, 0.8258,
61.9820

255.0000, 0.0000,
0.0000


 67.7810, 2.5730,
61.5821


 149.4780, -1.2217,
65.3558


 38.7040, 6.0619,
62.5266


 177.3750, -1.6639,
67.2001

 27.9380, 1.0166,
47.4124


 197.1880, 1.8793,
50.7011

 17.7980, -6.8024,
35.2572

 216.8160, 6.0067,
33.4874

 6.5780, -3.2430,
13.5251

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 95.3250, 0.8258,
61.9820

■ 95.3250, 0.8258,
61.9820

■ 84.0920, 0.9406,
71.8333

■ 106.5580, 0.7109,
52.1306

■ 73.5600, 1.2029,
81.0699

■ 117.0900, 0.4486,
42.8941

■ 62.3270, 1.3178,
90.9212

■ 128.3230, 0.3338,
33.0427

■ 56.3600, 1.3015,
96.1543

■ 138.9690, 0.5083,
23.7062

■ 150.2020, 0.3934,
13.8548

■ 161.3210, -0.1583,
4.1035

■ 171.9670, 0.0163,
-5.2331

■ 183.2000, -0.0986,
-15.0844

■ 193.7320, -0.3609,
-24.3210

Harmonies

Analogous

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



99.5470, 17.4783, 40.7393



95.3250, 0.8258, 61.9820



94.5040, -17.5035, 60.9480

Triad

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



95.3250, 0.8258, 61.9820



88.2690, -31.6846, -10.7599



84.0810, 40.3861, -73.7390

Complementary

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



95.3250, 0.8258, 61.9820



129.6750, -0.8258, -61.9820

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.



83.1230, 26.5614, -72.8989



95.3250, 0.8258, 61.9820



73.0570, -6.9301, -64.0710

Square

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



95.3250, 0.8258, 61.9820



91.1930, -42.9861, 20.8787



79.3780, 9.6736, -69.6145



79.3510, 47.6480, -69.5908

Rectangle

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



95.3250, 0.8258, 61.9820



94.5770, -28.3855, 51.2370



79.3780, 9.6736, -69.6145



84.3430, 36.3129, -73.9688

Sweetspot

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



95.3250, 0.8258, 61.9820



189.8550, 0.0715, 23.8062



91.5300, 36.7137, 31.1072



92.8000, 0.0986, 15.0844



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.



95.3250, 0.8258, 61.9820



106.6590, 1.1541, 96.7691



99.2110, -19.8240, 58.5740



78.7340, 0.1311, 4.6183



50.2940, 1.3341, 85.6882



6.7780, 0.1094, 11.5957

Inverse Universe

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



95.3250, 0.8258, 61.9820



106.6590, 1.1541, 96.7691



125.7890, 19.8240, -58.5740



78.7340, 0.1311, 4.6183



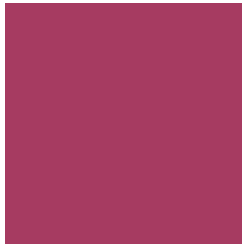
50.2940, 1.3341, 85.6882



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 95.3250, 0.8258, 61.9820 looks on a white background.

Color Contrast Check

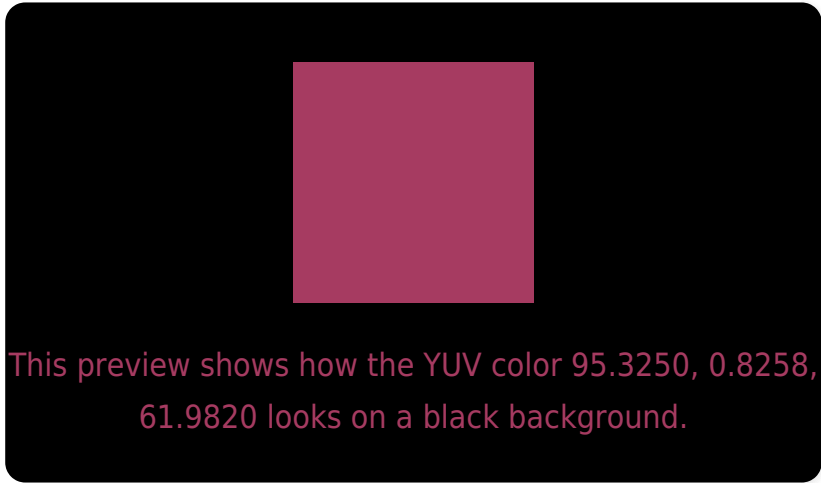
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 95.3250, 0.8258, 61.9820

Background



This preview shows how black text looks on a background with the YUV color 95.3250, 0.8258, 61.9820.

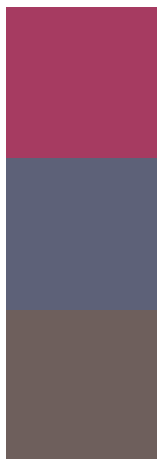


This preview shows how white text looks on a background with the YUV color 95.3250, 0.8258,

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

95.3250, 0.8258, 61.9820

Protanopia

98.4260, 10.6360, -4.7586

Deuteranopia

99.1430, -3.5215, 9.5216



Tritanopia

95.0570, -12.8461, 60.4630

Trichromacy



Original Color

95.3250, 0.8258, 61.9820

Protanomaly

97.3690, 7.2131, 19.8474

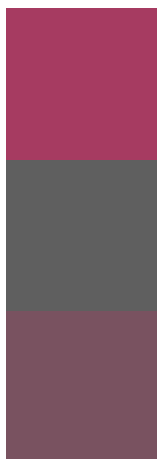
Deuteranomaly

97.7200, -1.8340, 28.3096

Tritanomaly

95.3220, -8.0467, 61.1076

Monochromacy



Original Color

95.3250, 0.8258, 61.9820

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2570, 0.3663, 22.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3250, 0.8258, 61.9820 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(166, 59, 97)` looks like.

```
.text, #text, p{  
    color:rgb(166, 59, 97)  
}
```

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(166, 59, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 59, 97) }
```

Border

The CSS property to change the border of an element to YUV 95.3250, 0.8258, 61.9820 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(166, 59, 97) }
```


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

```
.border{ border-color:rgb(166, 59, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 59, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 59, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 59, 97);  
box-shadow:4px 4px 4px 4px rgb(166, 59,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 95.3250, 0.8258, 61.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 59, 97) }
```

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

```
.background{ background-color: rgb(166, 59,  
97) }
```

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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