

Converting Colors

YUV(83.2370, 4.3202, 61.1822)

Have a look what the booklet for
YUV(83.2370, 4.3202, 61.1822)
contains.

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Color

**YUV(83.2370, 4.3202,
61.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	992E5C
RGB	153, 46, 92
RGB Percent	60%, 18%, 36%
CMY	0.4000, 0.8196, 0.6392
CMYK	0.00, 0.70, 0.40, 0.40
HSL	334°, 54%, 39%
HSV	334°, 70%, 60%
XYZ	16.0456, 9.4990, 11.1130
YIQ	83.2370, 49.0060, 36.9900

Conversions

Conversions Part 2

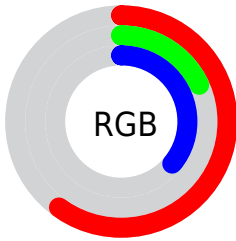
Format	Color
R_{YB}	153, 46, 92
Decimal	10038876
CIE _{Lab}	36.93, 48.20, -2.21
CIE _{LCh}	37, 48.253, 357.374
Yxy	9.4990, 0.4377, 0.2591
Android (android.graphics.Color)	4288228956 (0xFF992E5C)
YUV	83.2370, 4.3202, 61.1822
Hunter-Lab	30.8205, 38.9942, 0.1960

Details

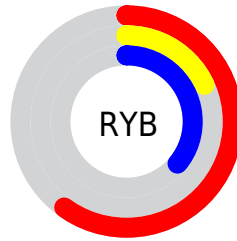
The YUV color **83.2370, 4.3202, 61.1822** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.7630, -4.3202, -61.1822**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9770, 1.9833, 64.0412**, and **34.2470, 5.7942, 55.0344** is the 20% darker color. If you saturate the color by 10%, you get **73.4060, 4.7298, 69.8039**, and if you desaturate by 10%, it is **93.0680, 3.9105, 52.5604**.

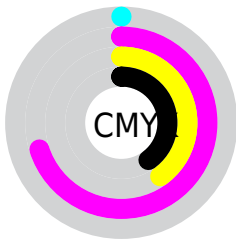
Distribution



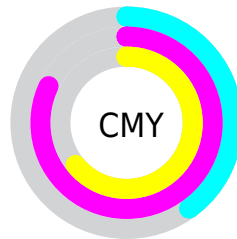
- Red (60%)
- Green (18%)
- Blue (36%)



- Red (60%)
- Yellow (18%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2370, 4.3202, 61.1822 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 83.2370, 4.3202, 61.1822 by changing the saturation by 10% instead.

83.2370, 4.3202,
61.1822

83.2370, 4.3202,
61.1822

255.0000, 0.0000,
0.0000

52.8720, 7.9511,
63.2563

137.9770, 1.9833,
64.0412

34.2470, 5.7942,
55.0344

165.4610, 1.2517,
65.3707

23.8940, 1.0383,
40.4350

188.9870, 3.4574,
57.8934

13.9820, -5.9071,
28.0798

208.6150, 7.5848,
40.6796

0.0000, 0.0000,
0.0000

228.2430, 11.7122,
23.4659

245.6080, 4.6303,

8.2368

■ 83.2370, 4.3202,
61.1822

■ 83.2370, 4.3202,
61.1822

■ 73.4060, 4.7298,
69.8039

■ 93.0680, 3.9105,
52.5604

■ 63.1020, 5.8657,
78.8405

■ 103.3720, 2.7746,
43.5238

■ 53.2710, 6.2754,
87.4623

■ 113.2030, 2.3649,
34.9020

■ 123.0340, 1.9552,
26.2802

■ 133.4520, 1.2562,
17.1436

■ 143.1690, 0.4097,
8.6218

■ 153.0000, 0.0000,
0.0000

■ 162.8310, -0.4097,
-8.6218

■ 173.2490, -1.1088,
-17.7584

Harmonies

Analogous

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



88.2090, 20.1100, 36.6507



83.2370, 4.3202, 61.1822



82.1390, -13.8725, 63.0221

Triad

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



83.2370, 4.3202, 61.1822



76.9230, -36.9370, -6.0715



76.6150, 37.1648, -67.1914

Complementary

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



83.2370, 4.3202, 61.1822



115.7630, -4.3202, -61.1822

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.



74.9560, 23.1927, -65.7364



83.2370, 4.3202, 61.1822



64.0750, -10.8830, -56.1938

Square

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



83.2370, 4.3202, 61.1822



81.6000, -40.2288, 23.1528



70.3960, 5.7208, -61.7373



73.4010, 45.1583, -64.3727

Rectangle

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



83.2370, 4.3202, 61.1822



82.8700, -26.0649, 53.6110



70.3960, 5.7208, -61.7373



76.8770, 33.0916, -67.4211

Sweetspot

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



83.2370, 4.3202, 61.1822



171.6100, 1.6713, 24.0210



76.4370, 37.7456, 26.8038



83.3160, 0.8302, 13.7549



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



83.2370, 4.3202, 61.1822



90.1410, 6.8325, 95.4693



82.1020, -17.7983, 62.1775



71.7340, 0.1311, 4.6183



48.7000, 5.5709, 80.0701



4.4570, 0.2677, 7.4922

Inverse Universe

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



83.2370, 4.3202, 61.1822



90.1410, 6.8325, 95.4693



116.8980, 17.7983, -62.1775



71.7340, 0.1311, 4.6183



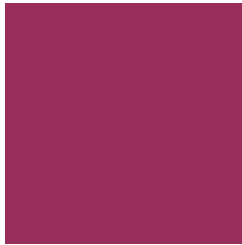
48.7000, 5.5709, 80.0701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 83.2370, 4.3202, 61.1822 looks on a white background.

Color Contrast Check

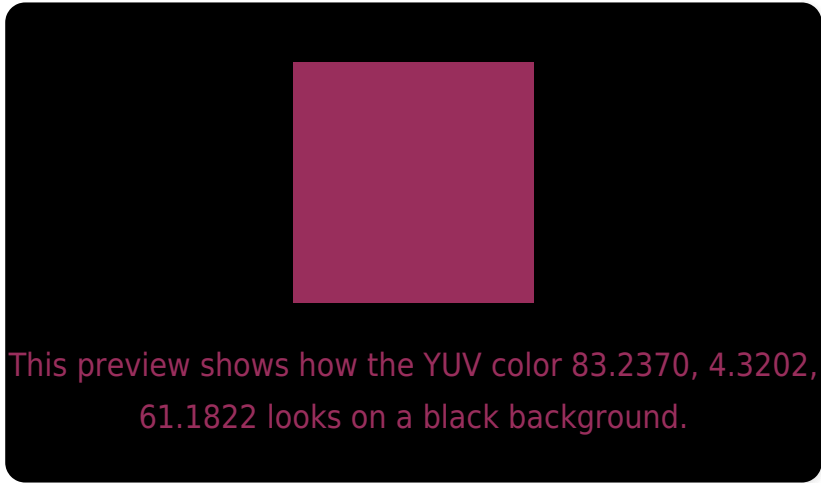
Large Text (above 18pt) WCAG AA ✓ Pass

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

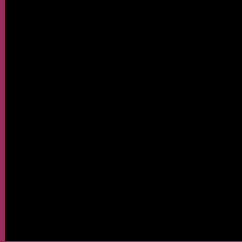
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2370, 4.3202, 61.1822

Background



This preview shows how black text looks on a background with the YUV color 83.2370, 4.3202, 61.1822.



This preview shows how white text looks on a background with the YUV color 83.2370, 4.3202,

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

83.2370, 4.3202, 61.1822

Protanopia

88.1420, 14.7200, -8.0175

Deuteranopia

88.8160, -0.8953, 7.1774



Tritanopia

83.4590, -12.5513, 59.2335

Trichromacy



Original Color

83.2370, 4.3202, 61.1822

Protanomaly

86.3840, 11.1497, 17.2032

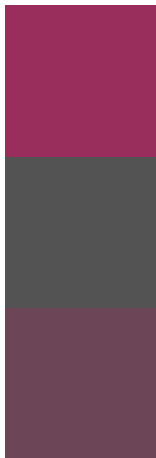
Deuteranomaly

86.8060, 1.0816, 26.4801

Tritanomaly

83.3650, -6.5889, 60.1929

Monochromacy



Original Color

83.2370, 4.3202, 61.1822

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1860, 1.3873, 21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2370, 4.3202, 61.1822 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(153, 46, 92)` looks like.

```
.text, #text, p{  
    color:rgb(153, 46, 92)  
}
```

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(153, 46, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 46, 92) }
```

Border

The CSS property to change the border of an element to YUV 83.2370, 4.3202, 61.1822 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(153, 46, 92) }
```


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

```
.border{ border-color:rgb(153, 46, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 46, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 46, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 46, 92);  
box-shadow:4px 4px 4px 4px rgb(153, 46,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 83.2370, 4.3202, 61.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 46, 92) }
```

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

```
.background{ background-color: rgb(153, 46,  
92) }
```

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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