

Converting Colors

YUV(89.8750, -23.6024,
57.1146)

Have a look what the booklet for
YUV(89.8750, -23.6024, 57.1146)
contains.

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Color

**YUV(89.8750, -23.6024,
57.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	9B422A
RGB	155, 66, 42
RGB Percent	61%, 26%, 16%
CMY	0.3922, 0.7412, 0.8353
CMYK	0.00, 0.57, 0.73, 0.39
HSL	13°, 57%, 39%
HSV	13°, 73%, 61%
XYZ	15.8837, 11.0322, 3.4827
YIQ	89.8750, 60.7480, 11.4040

Conversions

Conversions Part 2

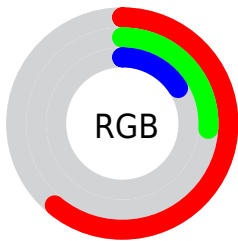
Format	Color
RYB	155, 72, 42
Decimal	10175018
CIELab	39.63, 35.60, 32.43
CIELCh	40, 48.162, 42.334
Yxy	11.0322, 0.5225, 0.3629
Android (android.graphics.Color)	4288365098 (0xFF9B422A)
YUV	89.8750, -23.6024, 57.1146
Hunter-Lab	33.2147, 27.2353, 17.0334

Details

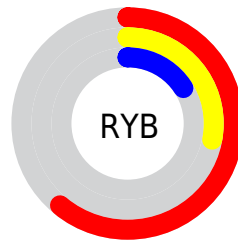
The YUV color **89.8750, -23.6024, 57.1146** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **107.1250, 23.6024, -57.1146**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8110, -26.5288, 62.4328**, and **37.5200, -18.4974, 53.0410** is the 20% darker color. If you saturate the color by 10%, you get **81.0070, -27.1185, 64.8919**, and if you desaturate by 10%, it is **98.6290, -20.5231, 49.4374**.

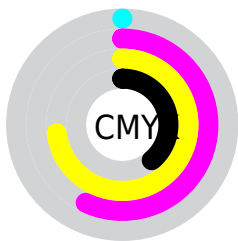
Distribution



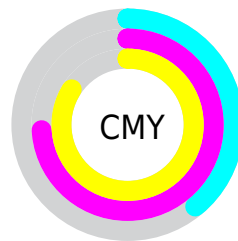
- Red (61%)
- Green (26%)
- Blue (16%)



- Red (61%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (57%)
- Yellow (73%)
- Black (39%)





- Cyan (39%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.8750, -23.6024, 57.1146 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 89.8750, -23.6024, 57.1146 by changing the saturation by 10% instead.


 89.8750, -23.6024,
57.1146

 89.8750, -23.6024,
57.1146


255.0000, 0.0000,
0.0000


 64.0210, -21.7024,
54.3556


 142.8110,
-26.5288, 62.4328


 37.5200, -18.4974,
53.0410

 170.0780,
-28.1395, 65.7066

 20.6310, -10.1711,
42.4196

 191.8810,
-26.0703, 55.3554

 13.9820, -5.9071,
28.0798

 211.2810,
-22.8165, 38.3416

 0.0000, 0.0000,
0.0000

 230.9090,
-18.6891, 21.1278

 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

89.8750, -23.6024,
57.1146

89.8750, -23.6024,
57.1146

81.0070, -27.1185,
64.8919

98.6290, -20.5231,
49.4374

72.2530, -30.1977,
72.5691

107.4970,
-17.0070, 41.6601

65.7160, -32.3980,
78.3021

116.8380,
-14.2171, 33.4681

125.7060,
-10.7011, 25.6908

134.5740, -7.1850,
17.9136

■ 143.3280, -4.1057,
10.2363

■ 152.0820, -1.0264,
2.5591

■ 161.5370, 2.2003,
-5.7329

■ 170.2910, 5.2795,
-13.4102

Harmonies

Analogous

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



89.7400, -5.2948, 65.1260



89.8750, -23.6024, 57.1146



88.8020, -39.8354, 37.0076

Triad

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



89.8750, -23.6024, 57.1146



72.3220, -2.1307, -63.4264



84.1480, 42.3250, -42.2258

Complementary

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



89.8750, -23.6024, 57.1146



107.1250, 23.6024, -57.1146

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.



80.2000, 43.2854, -70.3354



89.8750, -23.6024, 57.1146



78.1700, 15.1992, -68.5551

Square

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



89.8750, -23.6024, 57.1146



80.9020, -25.0947, -24.4701



81.2140, 31.9395, -71.2247



96.0370, 27.5898, 17.5076

Rectangle

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



89.8750, -23.6024, 57.1146



87.4810, -43.1281, 19.7492



81.2140, 31.9395, -71.2247



76.5470, 47.0583, -67.1317

Sweetspot

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



89.8750, -23.6024, 57.1146



176.0260, -9.3798, 21.9022



86.0470, 22.6548, 60.4718



86.5950, -5.7163, 13.5102



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



89.8750, -23.6024, 57.1146



100.0440, -36.5037, 88.5384



122.1600, -39.5189, 28.8007



71.9790, -1.4686, 4.4034



59.4700, -29.3187, 70.6248



5.6480, -2.7845, 6.4477

Inverse Universe

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



107.1250, 23.6024, -57.1146



126.9560, 36.5037, -88.5384



74.8400, 39.5189, -28.8007



73.4340, 1.7580, -3.8886



80.5300, 29.3187, -70.6248



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 89.8750, -23.6024, 57.1146 looks on a white background.

Color Contrast Check

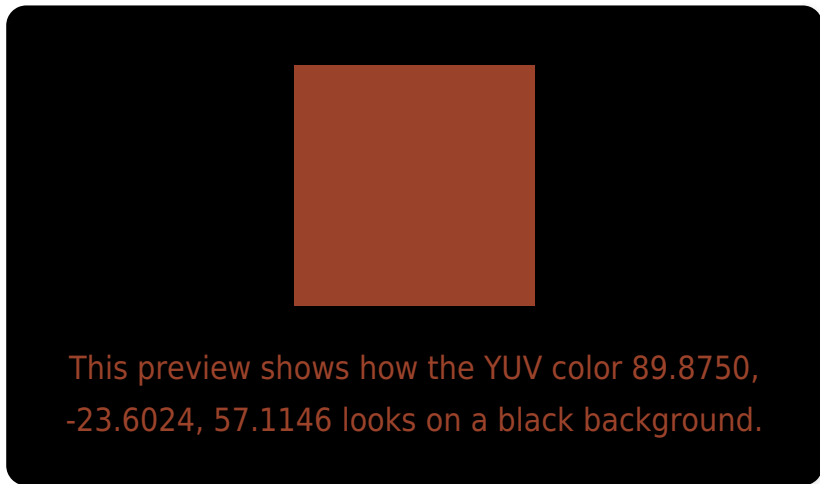
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.8750, -23.6024, 57.1146

Background



This preview shows how black text looks on a background with the YUV color 89.8750, -23.6024, 57.1146.



This preview shows how white text looks on a background with the YUV color 89.8750, -23.6024,

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

89.8750, -23.6024, 57.1146

Protanopia

92.0880, -20.2564, 10.4468

Deuteranopia

91.4440, -26.8409, 22.4126



Tritanopia

91.2630, -11.9617, 56.7743

Trichromacy



Original Color

89.8750, -23.6024, 57.1146

Protanomaly

91.5570, -21.4736, 27.5755

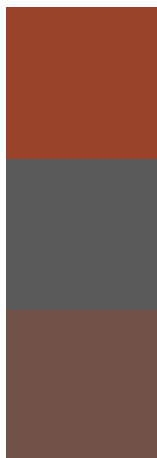
Deuteranomaly

91.1620, -25.7159, 34.9379

Tritanomaly

90.8240, -16.1822, 57.1594

Monochromacy



Original Color

89.8750, -23.6024, 57.1146

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9550, -8.3588, 21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8750, -23.6024, 57.1146 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(155, 66, 42)` looks like.

```
.text, #text, p{  
    color:rgb(155, 66, 42)  
}
```

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(155, 66, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 66, 42) }
```

Border

The CSS property to change the border of an element to YUV 89.8750, -23.6024, 57.1146 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(155, 66, 42) }
```


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

```
.border{ border-color:rgb(155, 66, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 66, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 66, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 66, 42);  
box-shadow:4px 4px 4px 4px rgb(155, 66,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 89.8750, -23.6024, 57.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 66, 42) }
```

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

```
.background{ background-color: rgb(155, 66,  
42) }
```

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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