

Converting Colors

YUV(89.8470, -21.1236,
55.3852)

Have a look what the booklet for
YUV(89.8470, -21.1236, 55.3852)
contains.

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Color

**YUV(89.8470, -21.1236,
55.3852)**

Conversions

Conversions Part 1

Format	Color
Hex	99422F
RGB	153, 66, 47
RGB Percent	60%, 26%, 18%
CMY	0.4000, 0.7412, 0.8157
CMYK	0.00, 0.57, 0.69, 0.40
HSL	11°, 53%, 39%
HSV	11°, 69%, 60%
XYZ	15.5982, 10.8740, 3.9661
YIQ	89.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

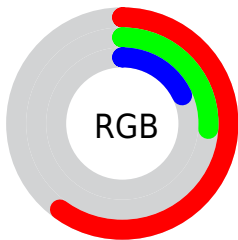
Format	Color
RYB	153, 70, 47
Decimal	10043951
CIELab	39.37, 35.09, 29.16
CIElCh	39, 45.630, 39.727
Yxy	10.8740, 0.5125, 0.3572
Android (android.graphics.Color)	4288234031 (0xFF99422F)
YUV	89.8470, -21.1236, 55.3852
Hunter-Lab	32.9757, 26.7266, 15.9520

Details

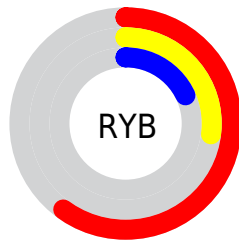
The YUV color **89.8470, -21.1236, 55.3852** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **110.1530, 21.1236, -55.3852**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7830, -24.0500, 60.7033**, and **37.5090, -18.4919, 51.2966** is the 20% darker color. If you saturate the color by 10%, you get **80.5060, -23.9135, 63.5772**, and if you desaturate by 10%, it is **99.1880, -18.3337, 47.1931**.

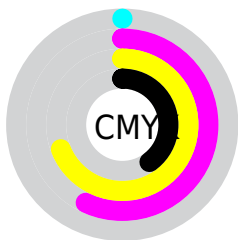
Distribution



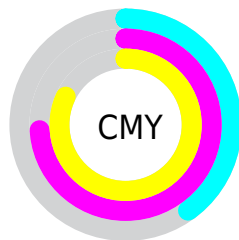
- Red (60%)
- Green (26%)
- Blue (18%)



- Red (60%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (40%)



- Cyan (40%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8470, -21.1236, 55.3852 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 89.8470, -21.1236, 55.3852 by changing the saturation by 10% instead.

■ 89.8470, -21.1236,
55.3852

■ 89.8470, -21.1236,
55.3852

■ 255.0000, 0.0000,
0.0000

■ 63.9930, -19.2235,
52.6261

■ 142.7830,
-24.0500, 60.7033

■ 37.5090, -18.4919,
51.2966

■ 169.8650,
-25.0764, 63.2624

■ 20.3320, -10.0237,
41.8048

■ 192.4510,
-23.8863, 54.8555

■ 13.2700, -6.0491,
26.9502

■ 211.9650,
-20.1957, 37.7417

■ 0.0000, 0.0000,
0.0000

■ 231.4790,
-16.5051, 20.6279

■ 251.6940,

-12.6671, 2.8994

■ 89.8470, -21.1236,
55.3852

■ 89.8470, -21.1236,
55.3852

■ 80.5060, -23.9135,
63.5772

■ 99.1880, -18.3337,
47.1931

■ 71.6380, -27.4295,
71.3545

■ 108.0560,
-14.8176, 39.4159

■ 62.2970, -30.2194,
79.5465

■ 117.3970,
-12.0277, 31.2238

■ 61.5960, -30.3668,
80.1613

■ 126.1510, -8.9484,
23.5466

■ 135.6060, -5.7218,
15.2545

■ 144.3600, -2.6425,
7.5773

■ 153.7010, 0.1474,
-0.6148

■ 162.4550, 3.2267,
-8.2920

■ 171.9100, 6.4534,
-16.5841

Harmonies

Analogous

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



90.0600, -3.9736, 61.3374



89.8470, -21.1236, 55.3852



89.5400, -35.7622, 37.2374

Triad

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



89.8470, -21.1236, 55.3852



71.5070, -2.7150, -62.7116



82.4850, 41.1729, -46.0293

Complementary

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



89.8470, -21.1236, 55.3852



110.1530, 21.1236, -55.3852

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.



79.5160, 40.6646, -69.7355



89.8470, -21.1236, 55.3852



76.4260, 13.5940, -67.0256

Square

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



89.8470, -21.1236, 55.3852



82.2230, -25.2529, -20.3666



79.8290, 29.1713, -70.0100



95.1890, 27.0218, 12.9892

Rectangle

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



89.8470, -21.1236, 55.3852



87.1760, -40.5128, 20.8936



79.8290, 29.1713, -70.0100



75.9770, 44.8743, -66.6318

Sweetspot

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



89.8470, -21.1236, 55.3852



174.2540, -8.5062, 21.7022



88.7260, 22.8131, 56.3683



84.5240, -4.6953, 12.6955



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.



89.8470, -21.1236, 55.3852



100.3580, -32.7145, 86.5090



120.3710, -36.1719, 28.6156



71.9790, -1.4686, 4.4034



56.5350, -27.8718, 73.1988



5.0610, -2.4951, 6.9625

Inverse Universe

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



110.1530, 21.1236, -55.3852



132.0550, 33.0039, -85.9942



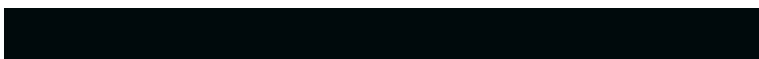
79.6290, 36.1719, -28.6156



73.4340, 1.7580, -3.8886



83.4650, 27.8718, -73.1988



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 89.8470, -21.1236, 55.3852 looks on a white background.

Color Contrast Check

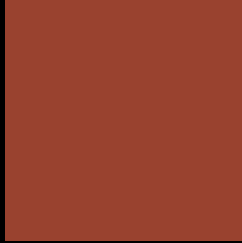
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.8470, -21.1236, 55.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

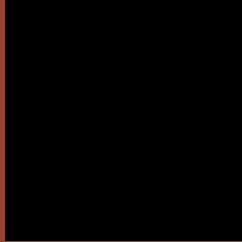
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8470, -21.1236, 55.3852

Background



This preview shows how black text looks on a background with the YUV color 89.8470, -21.1236, 55.3852.



This preview shows how white text looks on a background with the YUV color 89.8470, -21.1236,

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

89.8470, -21.1236, 55.3852

Protanopia

91.4730, -17.4882, 9.2322

Deuteranopia

91.7150, -24.5095, 21.2979



Tritanopia

90.6650, -11.6668, 55.5448

Trichromacy



Original Color

89.8470, -21.1236, 55.3852

Protanomaly

90.9420, -18.7054, 26.3609

Deuteranomaly

91.1340, -23.2371, 33.2085

Tritanomaly

90.4540, -15.0138, 55.7298

Monochromacy



Original Color

89.8470, -21.1236, 55.3852

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7700, -7.7746, 20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8470, -21.1236, 55.3852 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, 66, 47)` looks like.

```
.text, #text, p{  
    color:rgb(153, 66, 47)  
}
```

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, 66, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 66, 47) }
```

Border

The CSS property to change the border of an element to YUV 89.8470, -21.1236, 55.3852 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, 66, 47) }
```


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

```
.border{ border-color:rgb(153, 66, 47) }
```

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

Here you see how a box with a 4 pixel rgb(153, 66, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 66, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 66, 47);  
box-shadow:4px 4px 4px 4px rgb(153, 66,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 89.8470, -21.1236, 55.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 66, 47) }
```

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

```
.background{ background-color: rgb(153, 66,  
47) }
```

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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