

Converting Colors

YUV(89.3910, -22.8708,
55.7851)

Have a look what the booklet for
YUV(89.3910, -22.8708, 55.7851)
contains.

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Color

**YUV(89.3910, -22.8708,
55.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	99422B
RGB	153, 66, 43
RGB Percent	60%, 26%, 17%
CMY	0.4000, 0.7412, 0.8314
CMYK	0.00, 0.57, 0.72, 0.40
HSL	13°, 56%, 38%
HSV	13°, 72%, 60%
XYZ	15.5211, 10.8432, 3.5604
YIQ	89.3910, 59.2350, 11.2910

Conversions

Conversions Part 2

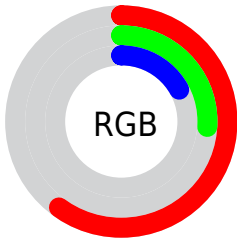
Format	Color
RYB	153, 72, 43
Decimal	10043947
CIELab	39.32, 34.87, 31.42
CIELCh	39, 46.933, 42.018
Yxy	10.8432, 0.5187, 0.3623
Android (android.graphics.Color)	4288234027 (0xFF99422B)
YUV	89.3910, -22.8708, 55.7851
Hunter-Lab	32.9289, 26.5107, 16.6396

Details

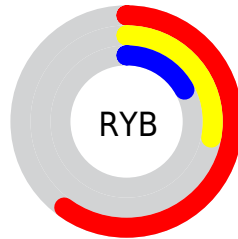
The YUV color **89.3910, -22.8708, 55.7851** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.6090, 22.8708, -55.7851**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3270, -25.7972, 61.1032**, and **37.5090, -18.4919, 51.2966** is the 20% darker color. If you saturate the color by 10%, you get **80.6370, -25.9500, 63.4624**, and if you desaturate by 10%, it is **98.1450, -19.7915, 48.1078**.

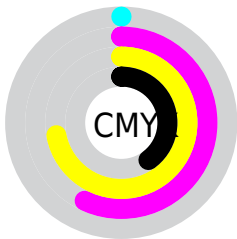
Distribution



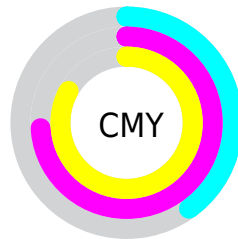
- Red (60%)
- Green (26%)
- Blue (17%)



- Red (60%)
- Yellow (28%)
- Blue (17%)



- Cyan (0%)
- Magenta (57%)
- Yellow (72%)
- Black (40%)



- Cyan (40%)
- Magenta (74%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3910, -22.8708, 55.7851 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 89.3910, -22.8708, 55.7851 by changing the saturation by 10% instead.

■ 89.3910, -22.8708,
55.7851

■ 89.3910, -22.8708,
55.7851

255.0000, 0.0000,
0.0000

■ 63.5370, -20.9707,
53.0261

■ 142.3270,
-25.7972, 61.1032

■ 37.5090, -18.4919,
51.2966

■ 169.2950,
-27.2604, 63.7623

■ 20.3320, -10.0237,
41.8048

■ 191.9950,
-25.6335, 55.2554

■ 13.2700, -6.0491,
26.9502

■ 211.5090,
-21.9429, 38.1416

■ 0.0000, 0.0000,
0.0000

■ 231.0230,
-18.2523, 21.0278

■ 251.2380,

-14.4143, 3.2993

254.4300, -2.1840,
0.4999

■ 89.3910, -22.8708,
55.7851

■ 89.3910, -22.8708,
55.7851

■ 80.6370, -25.9500,
63.4624

■ 98.1450, -19.7915,
48.1078

■ 71.7690, -29.4661,
71.2396

■ 107.0130,
-16.2754, 40.3306

■ 64.5310, -31.8138,
77.5873

■ 115.7670,
-13.1961, 32.6533

■ 124.5210,
-10.1169, 24.9761

■ 133.9760, -6.8902,
16.6840

■ 142.7300, -3.8109,
9.0068

■ 151.4840, -0.7316,
1.3295

■ 160.2380, 2.3477,
-6.3477

■ 169.1060, 5.8637,
-14.1250

Harmonies

Analogous

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



89.4300, -5.1420, 62.7669



89.3910, -22.8708, 55.7851



88.3720, -37.6514, 36.5078

Triad

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



89.3910, -22.8708, 55.7851



71.7350, -1.8414, -62.9116



84.2190, 41.3040, -41.4111

Complementary

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



89.3910, -22.8708, 55.7851



106.6090, 22.8708, -55.7851

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.



79.2710, 42.2644, -69.5207



89.3910, -22.8708, 55.7851



76.7680, 14.9044, -67.3255

Square

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



89.3910, -22.8708, 55.7851



80.7280, -24.5159, -23.4405



80.2850, 30.9185, -70.4099



95.2110, 27.0110, 16.4780

Rectangle

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



89.3910, -22.8708, 55.7851



86.5950, -42.6913, 19.6492



80.2850, 30.9185, -70.4099



75.6180, 46.0373, -66.3170

Sweetspot

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



89.3910, -22.8708, 55.7851



173.4390, -9.0904, 22.4170



85.9220, 22.2235, 58.8274



84.4100, -5.1321, 12.7954



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.



89.3910, -22.8708, 55.7851



100.2610, -35.6247, 86.5941



121.0890, -38.4979, 27.9859



71.9790, -1.4686, 4.4034



58.8830, -29.0293, 71.1396



5.6480, -2.7845, 6.4477

Inverse Universe

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



106.6090, 22.8708, -55.7851



126.7390, 35.6247, -86.5941



74.9110, 38.4979, -27.9859



73.4340, 1.7580, -3.8886



81.1170, 29.0293, -71.1396



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 89.3910, -22.8708, 55.7851 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 89.3910, -22.8708, 55.7851 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 89.3910, -22.8708, 55.7851

Background



This preview shows how black text looks on a background with the YUV color 89.3910, -22.8708, 55.7851.



This preview shows how white text looks on a background with the YUV color 89.3910, -22.8708,

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

89.3910, -22.8708, 55.7851

Protanopia

91.3160, -19.3828, 10.2469

Deuteranopia

91.2590, -26.2567, 21.6979



Tritanopia

90.6650, -11.6668, 55.5448

Trichromacy



Original Color

89.3910, -22.8708, 55.7851

Protanomaly

90.4860, -20.4526, 26.7608

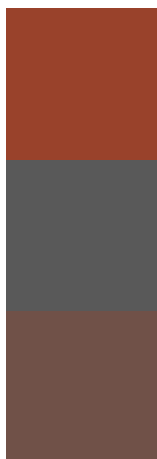
Deuteranomaly

90.6780, -24.9843, 33.6084

Tritanomaly

90.2260, -15.8874, 55.9298

Monochromacy



Original Color

89.3910, -22.8708, 55.7851

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2430, -8.5008, 19.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3910, -22.8708, 55.7851 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(153, 66, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 66, 43) }
```

Border

The CSS property to change the border of an element to YUV 89.3910, -22.8708, 55.7851 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, 43) }
```


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

```
.border{ border-color:rgb(153, 66, 43) }
```

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, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 66, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 66, 43);  
box-shadow:4px 4px 4px 4px rgb(153, 66,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 89.3910, -22.8708, 55.7851 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, 43) }
```

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

```
.background{ background-color: rgb(153, 66,  
43) }
```

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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