

Converting Colors

YUV(89.8250, -24.5637,
38.7415)

Have a look what the booklet for
YUV(89.8250, -24.5637, 38.7415)
contains.

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Color

**YUV(89.8250, -24.5637,
38.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	864D28
RGB	134, 77, 40
RGB Percent	53%, 30%, 16%
CMY	0.4745, 0.6980, 0.8431
CMYK	0.00, 0.43, 0.70, 0.47
HSL	24°, 54%, 34%
HSV	24°, 70%, 53%
XYZ	12.8684, 10.5293, 3.3616
YIQ	89.8250, 45.8490, 0.5770

Conversions

Conversions Part 2

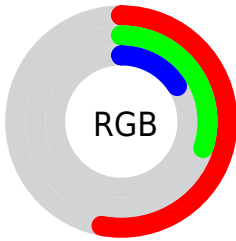
Format	Color
RYB	134, 101, 40
Decimal	8801576
CIELab	38.78, 20.64, 31.70
CIELCh	39, 37.826, 56.932
Yxy	10.5293, 0.4809, 0.3935
Android (android.graphics.Color)	4286991656 (0xFF864D28)
YUV	89.8250, -24.5637, 38.7415
Hunter-Lab	32.4489, 14.0031, 16.5719

Details

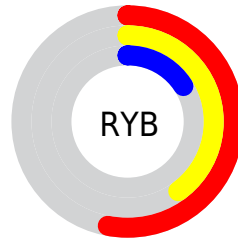
The YUV color **89.8250, -24.5637, 38.7415** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **84.1750, 24.5637, -38.7415**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5760, -26.9060, 43.3448**, and **42.1170, -20.7637, 33.2234** is the 20% darker color. If you saturate the color by 10%, you get **83.6470, -27.9270, 44.1596**, and if you desaturate by 10%, it is **96.0030, -21.2005, 33.3234**.

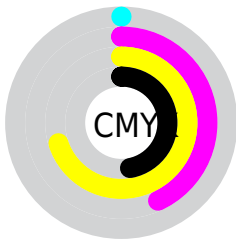
Distribution



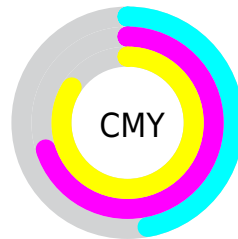
- Red (53%)
- Green (30%)
- Blue (16%)



- Red (53%)
- Yellow (40%)
- Blue (16%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (47%)



- Cyan (47%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8250, -24.5637, 38.7415 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 89.8250, -24.5637, 38.7415 by changing the saturation by 10% instead.

■ 89.8250, -24.5637,
38.7415

■ 89.8250, -24.5637,
38.7415

255.0000, 0.0000,
0.0000

■ 65.4440, -23.3899,
35.5676

■ 141.5760,
-26.9060, 43.3448

■ 42.1170, -20.7637,
33.2234

■ 168.3590,
-27.7850, 45.2892

■ 21.7170, -10.7065,
27.4352

■ 196.0280,
-29.1008, 47.3334

■ 8.7850, -3.8380,
17.7286

■ 216.4500,
-25.8578, 33.8084

■ 0.0000, 0.0000,
0.0000

■ 235.9640,
-22.1673, 16.6946

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

89.8250, -24.5637,
38.7415

89.8250, -24.5637,
38.7415

83.6470, -27.9270,
44.1596

96.0030, -21.2005,
33.3234

77.3550, -31.7270,
49.6777

102.2950,
-17.4004, 27.8053

71.1770, -35.0903,
55.0958

108.4730,
-14.0372, 22.3872

115.3520,
-10.5265, 16.3543

121.5300, -7.1633,
10.9362

■ 127.7080, -3.8000,
5.5181

■ 134.0000, 0.0000,
0.0000

■ 140.1780, 3.3632,
-5.4181

■ 146.4700, 7.1633,
-10.9362

Harmonies

Analogous

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



90.6920, -12.6662, 49.3821



89.8250, -24.5637, 38.7415



88.3960, -30.7612, 19.8237

Triad

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



89.8250, -24.5637, 38.7415



72.1400, 7.3260, -63.2668



92.5520, 26.3499, -4.8691

Complementary

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



89.8250, -24.5637, 38.7415



84.1750, 24.5637, -38.7415

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.



73.7940, 39.0486, -64.7173



89.8250, -24.5637, 38.7415



75.6740, 20.8667, -66.3661

Square

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



89.8250, -24.5637, 38.7415



78.8050, -11.2429, -34.0320



76.6490, 32.2180, -67.2212



94.1880, 15.1903, 27.8991

Rectangle

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



89.8250, -24.5637, 38.7415



86.1660, -28.6758, 4.2394



76.6490, 32.2180, -67.2212



89.9740, 29.5928, -18.3942

Sweetspot

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



89.8250, -24.5637, 38.7415



155.9820, -9.3581, 14.9248



74.7180, 11.4780, 51.9903



76.8610, -5.8475, 8.8919



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



89.8250, -24.5637, 38.7415



104.8140, -37.8693, 59.7991



116.8270, -37.8757, 15.0607



62.9680, -1.4632, 2.6591



68.8070, -33.9219, 53.6663



1.4840, -0.7316, 1.3295

Inverse Universe

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



84.1750, 24.5637, -38.7415



96.1860, 37.8693, -59.7991



57.1730, 37.8757, -15.0607



63.0320, 1.4632, -2.6591



61.1930, 33.9219, -53.6663



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 89.8250, -24.5637, 38.7415 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 89.8250, -24.5637, 38.7415 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 89.8250, -24.5637, 38.7415

Background



This preview shows how black text looks on a background with the YUV color 89.8250, -24.5637, 38.7415.



This preview shows how white text looks on a background with the YUV color 89.8250, -24.5637,

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

89.8250, -24.5637, 38.7415

Protanopia

89.6320, -22.0036, 10.8467

Deuteranopia

89.3730, -25.8199, 21.5979



Tritanopia

92.4070, -7.1027, 38.2311

Trichromacy



Original Color

89.8250, -24.5637, 38.7415

Protanomaly

90.0570, -23.1991, 20.9980

Deuteranomaly

89.2320, -25.2574, 27.8605

Tritanomaly

91.0990, -13.3598, 38.5012

Monochromacy



Original Color

89.8250, -24.5637, 38.7415

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7970, -8.7739, 14.2100

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8250, -24.5637, 38.7415 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(134, 77, 40)` looks like.

```
.text, #text, p{  
    color:rgb(134, 77, 40)  
}
```

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(134, 77, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 77, 40) }
```

Border

The CSS property to change the border of an element to YUV 89.8250, -24.5637, 38.7415 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(134, 77, 40) }
```


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

```
.border{ border-color:rgb(134, 77, 40) }
```

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

Here you see how a box with a 4 pixel rgb(134, 77, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 77, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 77, 40);  
box-shadow:4px 4px 4px 4px rgb(134, 77,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 89.8250, -24.5637, 38.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 77, 40) }
```

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

```
.background{ background-color: rgb(134, 77,  
40) }
```

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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