

Converting Colors

YUV(89.3330, -24.8142,
72.4990)

Have a look what the booklet for
YUV(89.3330, -24.8142, 72.4990)
contains.

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Color

**YUV(89.3330, -24.8142,
72.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3927
RGB	172, 57, 39
RGB Percent	67%, 22%, 15%
CMY	0.3255, 0.7765, 0.8471
CMYK	0.00, 0.67, 0.77, 0.33
HSL	8°, 63%, 41%
HSV	8°, 77%, 67%
XYZ	18.8426, 11.8434, 3.2123
YIQ	89.3330, 74.3180, 18.7820

Conversions

Conversions Part 2

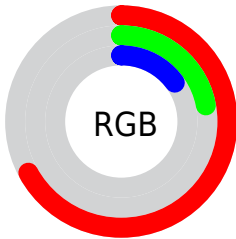
Format	Color
R_{YB}	172, 60, 39
Decimal	11286823
CIE _{Lab}	40.97, 46.00, 36.42
CIE _{LCh}	41, 58.671, 38.368
Yxy	11.8434, 0.5559, 0.3494
Android (android.graphics.Color)	4289476903 (0xFFAC3927)
YUV	89.3330, -24.8142, 72.4990
Hunter-Lab	34.4142, 37.5080, 18.5556

Details

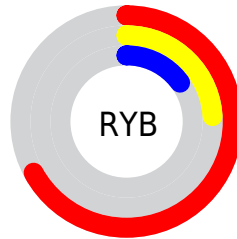
The YUV color **89.3330, -24.8142, 72.4990** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **121.6670, 24.8142, -72.4990**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9270, -29.0510, 78.1170**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **78.5900, -27.8989, 81.9206**, and if you desaturate by 10%, it is **100.0760, -21.7295, 63.0773**.

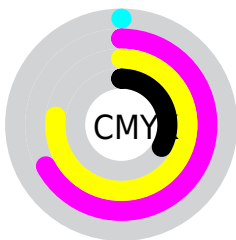
Distribution



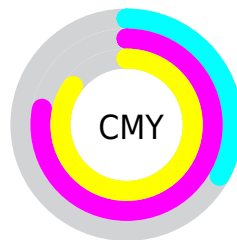
- Red (67%)
- Green (22%)
- Blue (15%)



- Red (67%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3330, -24.8142, 72.4990 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 89.3330, -24.8142, 72.4990 by changing the saturation by 10% instead.

■ 89.3330, -24.8142,
72.4990

■ 89.3330, -24.8142,
72.4990

255.0000, 0.0000,
0.0000

■ 61.4190, -21.8986,
70.6695

■ 143.9270,
-29.0510, 78.1170

■ 33.7870, -16.6570,
69.4698

■ 169.2040,
-29.1876, 75.2431

■ 24.8170, -12.2348,
51.0265

■ 188.0170,
-25.6444, 58.7441

■ 16.9720, -7.3812,
34.2276

■ 207.4170,
-22.3906, 41.7303

■ 5.0830, -2.5059,
10.4512

■ 227.5180,
-18.9894, 24.1017

■ 0.0000, 0.0000,
0.0000

■ 247.7330,

-15.1514, 6.3732

253.9740, -3.9312,
0.8998

89.3330, -24.8142,
72.4990

89.3330, -24.8142,
72.4990

78.5900, -27.8989,
81.9206

100.0760,
-21.7295, 63.0773

67.8470, -30.9836,
91.3422

110.8190,
-18.6448, 53.6557

64.9290, -32.0100,
93.9013

121.6760,
-15.1233, 44.1341

131.8320,
-11.7492, 35.2273

142.5750, -8.6645,
25.8057

■ 153.3180, -5.5798,
16.3841

■ 164.0610, -2.4951,
6.9625

■ 174.9180, 1.0264,
-2.5591

■ 185.6610, 4.1111,
-11.9807

Harmonies

Analogous

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



86.4030, -0.6917, 82.0846



89.3330, -24.8142, 72.4990



90.9020, -44.8147, 47.4439

Triad

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



89.3330, -24.8142, 72.4990



74.8180, -7.7983, -65.6154



79.5280, 55.9417, -69.7461

Complementary

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



89.3330, -24.8142, 72.4990



121.6670, 24.8142, -72.4990

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.



86.3610, 49.1220, -75.7386



89.3330, -24.8142, 72.4990



81.6920, 13.4628, -71.6439

Square

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



89.3330, -24.8142, 72.4990



79.9330, -38.9140, -25.3742



86.4630, 34.2817, -75.8281



99.0070, 36.4785, 13.1489

Rectangle

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



89.3330, -24.8142, 72.4990



90.7590, -44.7442, 24.7674



86.4630, 34.2817, -75.8281



83.1640, 54.6421, -72.9348

Sweetspot

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



89.3330, -24.8142, 72.4990



192.3580, -9.5435, 27.7500



91.8770, 30.6266, 70.2679



92.6170, -5.7272, 16.9989



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



89.3330, -24.8142, 72.4990



94.6280, -38.7636, 113.4592



128.0750, -43.9140, 38.5222



81.2780, -1.6161, 5.0182



56.5900, -27.8989, 81.9206



8.6380, -4.2585, 12.5955

Inverse Universe

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



121.6670, 24.8142, -72.4990



145.3720, 38.7636, -113.4592



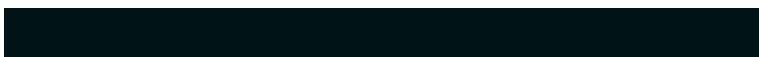
82.9250, 43.9140, -38.5222



83.7220, 1.6161, -5.0182



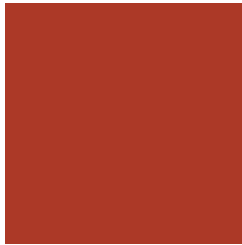
93.4100, 27.8989, -81.9206



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 89.3330, -24.8142, 72.4990 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 89.3330, -24.8142, 72.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

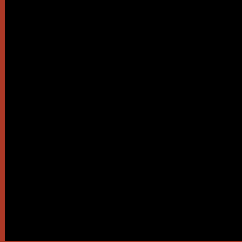
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3330, -24.8142, 72.4990

Background



This preview shows how black text looks on a background with the YUV color 89.3330, -24.8142, 72.4990.



This preview shows how white text looks on a background with the YUV color 89.3330, -24.8142,

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

89.3330, -24.8142, 72.4990

Protanopia

95.6320, -22.0036, 10.8467

Deuteranopia

94.4890, -31.7931, 24.1271



Tritanopia

90.5100, -16.5204, 72.3437

Trichromacy



Original Color

89.3330, -24.8142, 72.4990

Protanomaly

93.2480, -22.8003, 33.1085

Deuteranomaly

92.5820, -29.3739, 41.5856

Tritanomaly

90.2990, -19.8674, 72.5288

Monochromacy



Original Color

89.3330, -24.8142, 72.4990

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8740, -8.8119, 26.4205

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3330, -24.8142, 72.4990 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(172, 57, 39)` looks like.

```
.text, #text, p{  
    color:rgb(172, 57, 39)  
}
```

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(172, 57, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 57, 39) }
```

Border

The CSS property to change the border of an element to YUV 89.3330, -24.8142, 72.4990 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(172, 57, 39) }
```


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

```
.border{ border-color:rgb(172, 57, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 57, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 57, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 57, 39);  
box-shadow:4px 4px 4px 4px rgb(172, 57,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 89.3330, -24.8142, 72.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 57, 39) }
```

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

```
.background{ background-color: rgb(172, 57,  
39) }
```

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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