

Converting Colors

YUV(82.8310, -29.9897,
99.2492)

Have a look what the booklet for
YUV(82.8310, -29.9897, 99.2492)
contains.

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Color

**YUV(82.8310, -29.9897,
99.2492)**

Conversions

Conversions Part 1

Format	Color
Hex	C42516
RGB	196, 37, 22
RGB Percent	77%, 15%, 9%
CMY	0.2314, 0.8549, 0.9137
CMYK	0.00, 0.81, 0.89, 0.23
HSL	5°, 80%, 43%
HSV	5°, 89%, 77%
XYZ	23.5713, 13.1168, 2.0485
YIQ	82.8310, 99.5790, 29.0430

Conversions

Conversions Part 2

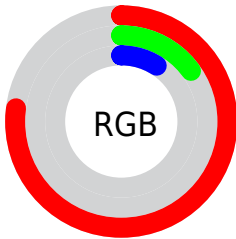
Format	Color
R_{YB}	196, 38, 22
Decimal	12854550
CIE Lab	42.94, 60.09, 48.43
CIE LCh	43, 77.174, 38.865
Yxy	13.1168, 0.6085, 0.3386
Android (android.graphics.Color)	4291044630 (0xFFC42516)
YUV	82.8310, -29.9897, 99.2492
Hunter-Lab	36.2172, 52.7937, 21.9985

Details

The YUV color **82.8310, -29.9897, 99.2492** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **135.1690, 29.9897, -99.2492**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6370, -35.8100, 99.4194**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **69.9850, -33.5166, 110.5152**, and if you desaturate by 10%, it is **95.6770, -26.4628, 87.9833**.

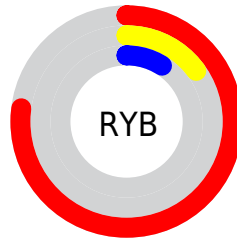
Distribution



Red (77%)

Green (15%)

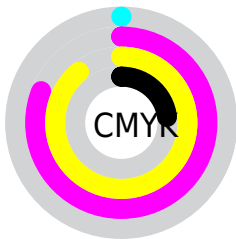
Blue (9%)



Red (77%)

Yellow (15%)

Blue (9%)

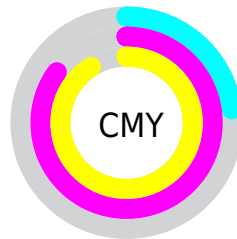


Cyan (0%)

Magenta (81%)

Yellow (89%)

Black (23%)



Cyan (23%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8310, -29.9897, 99.2492 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 82.8310, -29.9897, 99.2492 by changing the saturation by 10% instead.

■ 82.8310, -29.9897,
99.2492

■ 82.8310, -29.9897,
99.2492

255.0000, 0.0000,
0.0000

■ 49.0360, -24.1747,
100.8234

■ 141.6370,
-35.8100, 99.4194

■ 39.7670, -19.6051,
81.7653

■ 160.9230,
-32.9930, 82.5055

■ 30.4980, -15.0355,
62.7073

■ 180.7960,
-30.4654, 65.0769

■ 21.7560, -9.7397,
44.0640

■ 200.1960,
-27.2116, 48.0631


■ 12.6720, -5.7543,
25.7207


■ 220.2970,
-23.8104, 30.4345


■ 0.0000, 0.0000,
0.0000


■ 241.0990,


-20.2618, 12.1912


 251.9220,
-11.7935, 2.6994


 82.8310, -29.9897,
99.2492


 82.8310, -29.9897,
99.2492

 69.9850, -33.5166,
110.5152


 95.6770, -26.4628,
87.9833

 68.5830, -33.8114,
111.7447

 108.4090,
-23.3726, 76.8173

 121.2550,
-19.8457, 65.5514

 133.9870,
-16.7556, 54.3854

 146.8330,
-13.2287, 43.1195

■ 159.0920, -9.4124,
32.3683

■ 171.8240, -6.3222,
21.2024

■ 184.6700, -2.7953,
9.9364

■ 197.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



72.2950, 6.7566, 119.8903



82.8310, -29.9897, 99.2492



94.8000, -46.7364, 57.1804

Triad

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



82.8310, -29.9897, 99.2492



79.1890, -13.8972, -69.4488



87.2680, 70.3669, -76.5340

Complementary

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



82.8310, -29.9897, 99.2492



135.1690, 29.9897, -99.2492

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.



96.3350, 61.9528, -84.4858



82.8310, -29.9897, 99.2492



88.1150, 15.2263, -77.2769

Square

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



82.8310, -29.9897, 99.2492



75.5450, -37.2437, -47.8360



95.1830, 42.3078, -83.4755



102.3570, 49.1240, 17.2269

Rectangle

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



82.8310, -29.9897, 99.2492



95.2000, -46.9336, 27.0116



95.1830, 42.3078, -83.4755



91.4910, 68.7779, -80.2376

Sweetspot

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



82.8310, -29.9897, 99.2492



210.1530, -11.9074, 39.3308



92.2660, 44.2389, 90.9747



101.0200, -6.9119, 23.6615



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



82.8310, -29.9897, 99.2492



89.1590, -43.9554, 145.4426



133.9000, -55.1667, 54.4617



90.5770, -1.7635, 5.6330



56.3570, -27.7840, 91.7719



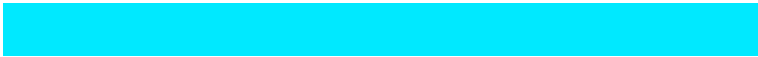
11.6280, -5.7326, 18.7432

Inverse Universe

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



135.1690, 29.9897, -99.2492



165.8410, 43.9554, -145.4426



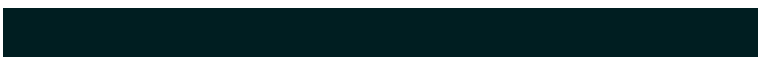
84.6870, 54.8773, -54.9765



93.4230, 1.7635, -5.6330



104.6430, 27.7840, -91.7719



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 82.8310, -29.9897, 99.2492 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 82.8310, -29.9897, 99.2492

Background



This preview shows how black text looks on a background with the YUV color 82.8310, -29.9897, 99.2492.



This preview shows how white text looks on a background with the YUV color 82.8310, -29.9897,

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

82.8310, -29.9897, 99.2492

Protanopia

99.0640, -30.5976, 13.9759

Deuteranopia

95.5100, -47.0864, 29.3707



Tritanopia

83.7260, -24.0219, 98.4643

Trichromacy



Original Color

82.8310, -29.9897, 99.2492

Protanomaly

93.0770, -30.1110, 44.6595

Deuteranomaly

90.6840, -40.7632, 54.6511

Tritanomaly

83.1560, -26.2059, 98.9642

Monochromacy



Original Color

82.8310, -29.9897, 99.2492

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7720, -10.7336, 36.1570

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8310, -29.9897, 99.2492 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(196, 37, 22)` looks like.

```
.text, #text, p{  
    color:rgb(196, 37, 22)  
}
```

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(196, 37, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 37, 22) }
```

Border

The CSS property to change the border of an element to YUV 82.8310, -29.9897, 99.2492 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(196, 37, 22) }
```


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

```
.border{ border-color:rgb(196, 37, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 37, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 37, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 37, 22);  
box-shadow:4px 4px 4px 4px rgb(196, 37,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 82.8310, -29.9897, 99.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 37, 22) }
```

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

```
.background{ background-color: rgb(196, 37,  
22) }
```

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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