

Converting Colors

YUV(89.4830, -29.3251,
25.8864)

Have a look what the booklet for
YUV(89.4830, -29.3251, 25.8864)
contains.

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Color

**YUV(89.4830, -29.3251,
25.8864)**

Conversions

Conversions Part 1

Format	Color
Hex	77561E
RGB	119, 86, 30
RGB Percent	47%, 34%, 12%
CMY	0.5333, 0.6627, 0.8824
CMYK	0.00, 0.28, 0.75, 0.53
HSL	38°, 60%, 29%
HSV	38°, 75%, 47%
XYZ	11.1699, 10.6713, 2.6993
YIQ	89.4830, 37.6440, -10.4200

Conversions

Conversions Part 2

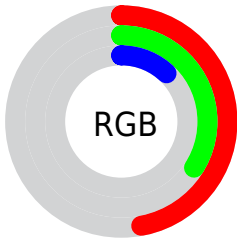
Format	Color
RYB	82, 119, 30
Decimal	7820830
CIELab	39.02, 7.75, 36.55
CIELCh	39, 37.360, 78.028
Yxy	10.6713, 0.4552, 0.4348
Android (android.graphics.Color)	4286010910 (0xFF77561E)
YUV	89.4830, -29.3251, 25.8864
Hunter-Lab	32.6669, 3.8680, 17.9676

Details

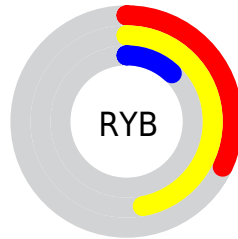
The YUV color **89.4830, -29.3251, 25.8864** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **59.5170, 29.3251, -25.8864**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6360, -31.3725, 29.2602**, and **44.1000, -21.7413, 20.0833** is the 20% darker color. If you saturate the color by 10%, you get **85.7670, -33.4091, 29.1453**, and if you desaturate by 10%, it is **93.1990, -25.2411, 22.6275**.

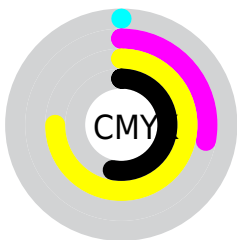
Distribution



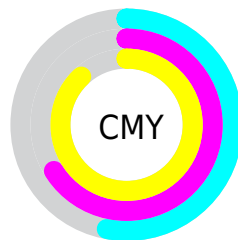
- Red (47%)
- Green (34%)
- Blue (12%)



- Red (32%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (28%)
- Yellow (75%)
- Black (53%)



- Cyan (53%)
- Magenta (66%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4830, -29.3251, 25.8864 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 89.4830, -29.3251, 25.8864 by changing the saturation by 10% instead.

89.4830, -29.3251,
25.8864

89.4830, -29.3251,
25.8864

255.0000, 0.0000,
0.0000

65.0590, -29.6091,
23.6273

140.6360,
-31.3725, 29.2602

44.1000, -21.7413,
20.0833

167.4190,
-32.2516, 31.2045

24.5860, -12.1209,
14.3951

194.9030,
-32.9832, 32.5341

2.6910, -1.3267,
5.5330

220.5930,
-32.8303, 30.1749

0.0000, 0.0000,
0.0000

240.6940,
-29.4291, 12.5464

249.7560,

-20.0927, 4.5990

253.0620, -7.4256,
1.6996

89.4830, -29.3251,
25.8864

89.4830, -29.3251,
25.8864

85.7670, -33.4091,
29.1453

93.1990, -25.2411,
22.6275

81.4640, -37.2038,
32.9191

97.5020, -21.4465,
18.8537

79.6060, -39.2458,
34.5485

101.2180,
-17.3625, 15.5948

105.5210,
-13.5679, 11.8211

109.2370, -9.4838,
8.5622

■ 112.8390, -5.8366,
5.4032

■ 117.1420, -2.0420,
1.6295

■ 120.8580, 2.0420,
-1.6295

■ 125.1610, 5.8366,
-5.4032

Harmonies

Analogous

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



90.4710, -20.9382, 42.5599



89.4830, -29.3251, 25.8864



86.9810, -28.0916, 3.5247

Triad

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



89.4830, -29.3251, 25.8864



75.3490, 17.0829, -66.0811



94.7570, 18.8538, 19.5071

Complementary

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



89.4830, -29.3251, 25.8864



59.5170, 29.3251, -25.8864

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.



90.8710, 29.1506, -16.5499



89.4830, -29.3251, 25.8864



77.1390, 29.0185, -67.6509

Square

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



89.4830, -29.3251, 25.8864



71.1140, 3.3948, -62.3670



75.3270, 37.3068, -66.0618



92.8710, 5.9796, 42.2091

Rectangle

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



89.4830, -29.3251, 25.8864



84.7060, -21.0541, -13.7742



75.3270, 37.3068, -66.0618



94.6030, 22.3807, 8.2412

Sweetspot

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



89.4830, -29.3251, 25.8864



144.3790, -11.5258, 10.1916



60.4870, 1.7319, 51.3159



71.9100, -6.8576, 6.2179



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.4830, -29.3251, 25.8864



109.5160, -46.1034, 40.7665



105.8640, -37.4010, 2.7503



56.5550, -1.7526, 2.1443



81.6770, -40.2668, 35.3633



166.9090, -82.2861, 72.8708

Inverse Universe

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



59.5170, 29.3251, -25.8864



61.8970, 46.3928, -40.2517



43.1360, 37.4010, -2.7503



54.8580, 2.0420, -1.6295



40.3230, 40.2668, -35.3633



83.0910, 82.2861, -72.8708

Previews

White Background



This preview shows how the YUV color 89.4830, -29.3251, 25.8864 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 89.4830, -29.3251, 25.8864 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 89.4830, -29.3251, 25.8864

Background



This preview shows how black text looks on a background with the YUV color 89.4830, -29.3251, 25.8864.



This preview shows how white text looks on a background with the YUV color 89.4830, -29.3251,

25.8864.

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

89.4830, -29.3251, 25.8864

Protanopia

88.4490, -27.8294, 12.7612

Deuteranopia

89.6460, -29.8985, 23.1125



Tritanopia

93.6550, -3.2809, 25.7356

Trichromacy



Original Color

89.4830, -29.3251, 25.8864

Protanomaly

88.9550, -28.5718, 17.5795

Deuteranomaly

89.3580, -29.7565, 24.2420

Tritanomaly

92.1360, -12.8850, 26.1907

Monochromacy



Original Color

89.4830, -29.3251, 25.8864

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3080, -10.5048, 9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4830, -29.3251, 25.8864 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(119, 86, 30)` looks like.

```
.text, #text, p{  
    color:rgb(119, 86, 30)  
}
```

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(119, 86, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 86, 30) }
```

Border

The CSS property to change the border of an element to YUV 89.4830, -29.3251, 25.8864 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(119, 86, 30) }
```


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

```
.border{ border-color:rgb(119, 86, 30) }
```

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

Here you see how a box with a 4 pixel rgb(119, 86, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 86, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 86, 30);  
box-shadow:4px 4px 4px 4px rgb(119, 86,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 89.4830, -29.3251, 25.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 86, 30) }
```

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

```
.background{ background-color: rgb(119, 86,  
30) }
```

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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