

Converting Colors

YUV(84.8260, -29.4942,
33.4786)

Have a look what the booklet for
YUV(84.8260, -29.4942, 33.4786)
contains.

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Color

**YUV(84.8260, -29.4942,
33.4786)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4D19
RGB	123, 77, 25
RGB Percent	48%, 30%, 10%
CMY	0.5176, 0.6980, 0.9020
CMYK	0.00, 0.37, 0.80, 0.52
HSL	32°, 66%, 29%
HSV	32°, 80%, 48%
XYZ	10.9977, 9.5889, 2.1909
YIQ	84.8260, 44.1080, -6.4200

Conversions

Conversions Part 2

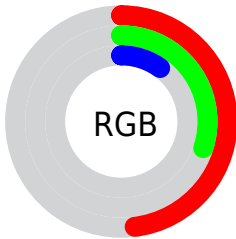
Format	Color
R_{YB}	112, 123, 25
Decimal	8080665
CIE _{Lab}	37.09, 14.79, 37.14
CIE _{LCh}	37, 39.980, 68.287
Yxy	9.5889, 0.4828, 0.4210
Android (android.graphics.Color)	4286270745 (0xFF7B4D19)
YUV	84.8260, -29.4942, 33.4786
Hunter-Lab	30.9659, 9.2049, 17.4813

Details

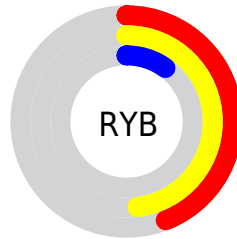
The YUV color **84.8260, -29.4942, 33.4786** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **63.1740, 29.4942, -33.4786**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6910, -31.3997, 37.9820**, and **39.7140, -19.5790, 26.5608** is the 20% darker color. If you saturate the color by 10%, you get **79.9360, -32.9994, 37.7671**, and if you desaturate by 10%, it is **89.7160, -25.9890, 29.1901**.

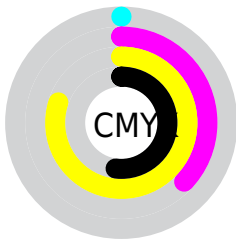
Distribution



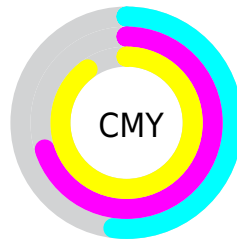
- Red (48%)
- Green (30%)
- Blue (10%)



- Red (44%)
- Yellow (48%)
- Blue (10%)



- Cyan (0%)
- Magenta (37%)
- Yellow (80%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8260, -29.4942, 33.4786 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 84.8260, -29.4942, 33.4786 by changing the saturation by 10% instead.

84.8260, -29.4942,
33.4786

84.8260, -29.4942,
33.4786

255.0000, 0.0000,
0.0000

60.4020, -29.7782,
31.2194

135.6910,
-31.3997, 37.9820

39.7140, -19.5790,
26.5608

162.4740,
-32.2787, 39.9263

20.2000, -9.9586,
20.8726

190.1430,
-33.5945, 41.9706

1.7940, -0.8844,
3.6887

214.0390,
-32.5572, 35.9228

0.0000, 0.0000,
0.0000

234.1400,
-29.1560, 18.2942

249.0720,

-22.7135, 5.1989

■ 252.2640,
-10.4832, 2.3995

■ 84.8260, -29.4942,
33.4786

■ 84.8260, -29.4942,
33.4786

■ 79.9360, -32.9994,
37.7671

■ 89.7160, -25.9890,
29.1901

■ 74.9320, -36.9415,
42.1556

■ 94.7200, -22.0470,
24.8016

■ 99.0230, -18.2523,
21.0278

■ 103.9130,
-14.7471, 16.7393

■ 108.9170,
-10.8051, 12.3508

■ 113.8070, -7.2999,
8.0623

■ 118.1100, -3.5052,
4.2885

■ 123.0000, 0.0000,
0.0000

■ 128.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



85.3130, -17.9023, 48.8375



84.8260, -29.4942, 33.4786



82.7710, -32.9181, 11.6018

Triad

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



84.8260, -29.4942, 33.4786



71.4050, 12.1253, -62.6222



89.6570, 23.8331, 9.0708

Complementary

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



84.8260, -29.4942, 33.4786



63.1740, 29.4942, -33.4786

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.



79.6340, 35.1834, -38.2670



84.8260, -29.4942, 33.4786



74.2380, 25.5187, -65.1067

Square

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



84.8260, -29.4942, 33.4786



66.3550, -2.1470, -58.1933



73.6970, 36.1384, -64.6323



88.9290, 11.3740, 38.6503

Rectangle

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



84.8260, -29.4942, 33.4786



80.2680, -26.7541, -5.4970



73.6970, 36.1384, -64.6323



88.4920, 27.3654, -3.9395

Sweetspot

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



84.8260, -29.4942, 33.4786



145.9880, -11.8261, 13.1655



59.6600, 6.0836, 55.5492



72.2200, -7.0105, 8.5771



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.8260, -29.4942, 33.4786



100.4790, -46.5781, 53.0769



111.2300, -42.5114, 8.5683



58.5550, -1.7526, 2.1443



76.1170, -37.5257, 42.8704



154.0060, -75.9250, 85.9407

Inverse Universe

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



63.1740, 29.4942, -33.4786



66.5210, 46.5781, -53.0769



36.7700, 42.5114, -8.5683



57.4450, 1.7526, -2.1443



48.8830, 37.5257, -42.8704



97.9940, 75.9250, -85.9407

Previews

White Background



This preview shows how the YUV color 84.8260, -29.4942, 33.4786 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 ✓ Pass

Black Background



This preview shows how the YUV color 84.8260, -29.4942, 33.4786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 84.8260, -29.4942, 33.4786

Background



This preview shows how black text looks on a background with the YUV color 84.8260, -29.4942, 33.4786.



This preview shows how white text looks on a background with the YUV color 84.8260, -29.4942,

33.4786.

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

84.8260, -29.4942, 33.4786

Protanopia

84.1500, -27.6820, 12.1464

Deuteranopia

84.1190, -30.6247, 22.6976



Tritanopia

88.7160, -5.7760, 32.6981

Trichromacy



Original Color

84.8260, -29.4942, 33.4786

Protanomaly

84.3790, -28.2878, 19.8386

Deuteranomaly

84.5540, -30.3461, 26.7011

Tritanomaly

87.4250, -14.5065, 32.9533

Monochromacy



Original Color

84.8260, -29.4942, 33.4786

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9170, -10.8051, 12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8260, -29.4942, 33.4786 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(123, 77, 25)` looks like.

```
.text, #text, p{  
    color:rgb(123, 77, 25)  
}
```

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(123, 77, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 77, 25) }
```

Border

The CSS property to change the border of an element to YUV 84.8260, -29.4942, 33.4786 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(123, 77, 25) }
```


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

```
.border{ border-color:rgb(123, 77, 25) }
```

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

Here you see how a box with a 4 pixel rgb(123, 77, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 77, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 77, 25);  
box-shadow:4px 4px 4px 4px rgb(123, 77,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 84.8260, -29.4942, 33.4786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 77, 25) }
```

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

```
.background{ background-color: rgb(123, 77,  
25) }
```

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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