

Converting Colors

YUV(87.4190, -28.8006,
44.3595)

Have a look what the booklet for
YUV(87.4190, -28.8006, 44.3595)
contains.

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Color

**YUV(87.4190, -28.8006,
44.3595)**

Conversions

Conversions Part 1

Format	Color
Hex	8A491D
RGB	138, 73, 29
RGB Percent	54%, 29%, 11%
CMY	0.4588, 0.7137, 0.8863
CMYK	0.00, 0.47, 0.79, 0.46
HSL	24°, 65%, 33%
HSV	24°, 79%, 54%
XYZ	13.0855, 10.2571, 2.4525
YIQ	87.4190, 52.8640, 0.0960

Conversions

Conversions Part 2

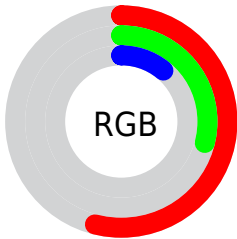
Format	Color
R_{YB}	138, 103, 29
Decimal	9062685
CIE _{Lab}	38.30, 24.13, 37.14
CIE _{LCh}	38, 44.287, 56.989
Yxy	10.2571, 0.5073, 0.3976
Android (android.graphics.Color)	4287252765 (0xFF8A491D)
YUV	87.4190, -28.8006, 44.3595
Hunter-Lab	32.0267, 16.8854, 17.8784

Details

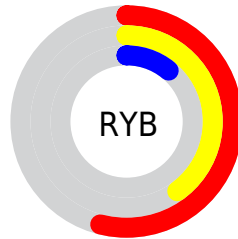
The YUV color **87.4190, -28.8006, 44.3595** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **79.5810, 28.8006, -44.3595**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8820, -31.0008, 50.0925**, and **40.6660, -20.0483, 37.1269** is the 20% darker color. If you saturate the color by 10%, you get **81.1270, -32.6006, 49.8776**, and if you desaturate by 10%, it is **93.7110, -25.0005, 38.8415**.

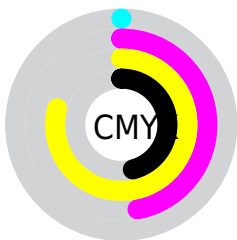
Distribution



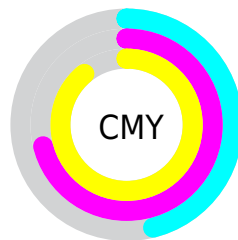
- Red (54%)
- Green (29%)
- Blue (11%)



- Red (54%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (79%)
- Black (46%)



- Cyan (46%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4190, -28.8006, 44.3595 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 87.4190, -28.8006, 44.3595 by changing the saturation by 10% instead.

87.4190, -28.8006,
44.3595

87.4190, -28.8006,
44.3595

255.0000, 0.0000,
0.0000

62.8100, -28.5003,
41.3856

138.8820,
-31.0008, 50.0925

40.6660, -20.0483,
37.1269

166.4370,
-32.7534, 52.2368

19.3800, -9.5543,
31.2387

193.3340,
-33.1957, 54.0811

9.0840, -3.9854,
18.3433

212.7340,
-29.9419, 37.0673

0.0000, 0.0000,
0.0000

232.2480,
-26.2513, 19.9535

249.5280,

-20.9663, 4.7989

252.7200, -8.7360,
1.9996

87.4190, -28.8006,
44.3595

87.4190, -28.8006,
44.3595

81.1270, -32.6006,
49.8776

93.7110, -25.0005,
38.8415

74.8350, -36.4007,
55.3957

100.0030,
-21.2005, 33.3234

74.1340, -36.5481,
56.0105

106.7680,
-18.1266, 27.3905

113.0600,
-14.3266, 21.8724

119.3520,
-10.5265, 16.3543

■ 125.6440, -6.7265,
10.8362

■ 132.5230, -3.2158,
4.8033

■ 138.7010, 0.1474,
-0.6148

■ 144.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



87.2200, -13.4195, 57.6891



87.4190, -28.8006, 44.3595



85.0560, -38.4816, 22.7529

Triad

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



87.4190, -28.8006, 44.3595



72.4990, 6.1630, -63.5816



90.5070, 31.3020, -6.5836

Complementary

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



87.4190, -28.8006, 44.3595



79.5810, 28.8006, -44.3595

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.



74.2330, 43.2691, -65.1023



87.4190, -28.8006, 44.3595



76.7170, 22.3245, -67.2808

Square

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



87.4190, -28.8006, 44.3595



72.9130, -11.7891, -45.5277



77.5610, 35.7124, -68.0210



92.4320, 18.5210, 32.9471

Rectangle

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



87.4190, -28.8006, 44.3595



83.5160, -36.2434, 4.8095



77.5610, 35.7124, -68.0210



86.5370, 35.7243, -25.0269

Sweetspot

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



87.4190, -28.8006, 44.3595



158.8360, -11.2581, 17.6838



69.0010, 12.3245, 60.5121



77.2310, -7.0159, 10.3214



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



87.4190, -28.8006, 44.3595



99.7460, -44.7378, 69.5058



119.1170, -44.4277, 16.5604



65.8540, -1.9000, 2.7590



71.4650, -35.2322, 53.9662



2.6690, -1.3158, 2.0443

Inverse Universe

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



79.5810, 28.8006, -44.3595



87.6670, 45.0272, -68.9910



47.8830, 44.4277, -16.5604



65.1460, 1.9000, -2.7590



61.5350, 35.2322, -53.9662



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 87.4190, -28.8006, 44.3595 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 87.4190, -28.8006, 44.3595 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 87.4190, -28.8006, 44.3595

Background



This preview shows how black text looks on a background with the YUV color 87.4190, -28.8006, 44.3595.



This preview shows how white text looks on a background with the YUV color 87.4190, -28.8006,

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

87.4190, -28.8006, 44.3595

Protanopia

87.4920, -26.3716, 11.8465

Deuteranopia

87.3040, -31.2089, 23.4124



Tritanopia

90.0980, -8.4293, 43.7641

Trichromacy



Original Color

87.4190, -28.8006, 44.3595

Protanomaly

87.0420, -27.1357, 23.6422

Deuteranomaly

87.2880, -30.2150, 31.3194

Tritanomaly

89.1490, -15.8495, 43.7193

Monochromacy



Original Color

87.4190, -28.8006, 44.3595

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4190, -28.8006, 44.3595 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(138, 73, 29)` looks like.

```
.text, #text, p{  
    color:rgb(138, 73, 29)  
}
```

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(138, 73, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 73, 29) }
```

Border

The CSS property to change the border of an element to YUV 87.4190, -28.8006, 44.3595 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(138, 73, 29) }
```


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

```
.border{ border-color:rgb(138, 73, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 73, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 73, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 73, 29);  
box-shadow:4px 4px 4px 4px rgb(138, 73,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 87.4190, -28.8006, 44.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 73, 29) }
```

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

```
.background{ background-color: rgb(138, 73,  
29) }
```

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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