

Converting Colors

YUV(87.8380, -34.4301,
29.9601)

Have a look what the booklet for
YUV(87.8380, -34.4301, 29.9601)
contains.

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Color

**YUV(87.8380, -34.4301,
29.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5412
RGB	122, 84, 18
RGB Percent	48%, 33%, 7%
CMY	0.5216, 0.6706, 0.9294
CMYK	0.00, 0.31, 0.85, 0.52
HSL	38°, 74%, 27%
HSV	38°, 85%, 48%
XYZ	11.3055, 10.5219, 2.0073
YIQ	87.8380, 43.8340, -12.4700

Conversions

Conversions Part 2

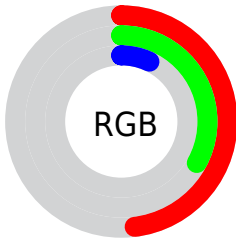
Format	Color
R_{YB}	78, 122, 18
Decimal	8016914
CIE _{Lab}	38.76, 9.85, 41.59
CIE _{LCh}	39, 42.736, 76.675
Yxy	10.5219, 0.4743, 0.4415
Android (android.graphics.Color)	4286206994 (0xFF7A5412)
YUV	87.8380, -34.4301, 29.9601
Hunter-Lab	32.4375, 5.4477, 19.0372

Details

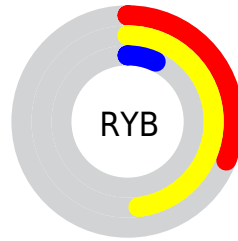
The YUV color **87.8380, -34.4301, 29.9601** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **52.1620, 34.4301, -29.9601**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9310, -35.4620, 34.2635**, and **43.5240, -21.4573, 22.3425** is the 20% darker color. If you saturate the color by 10%, you get **84.1220, -38.5141, 33.2190**, and if you desaturate by 10%, it is **91.5540, -30.3461, 26.7011**.

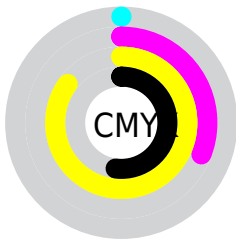
Distribution



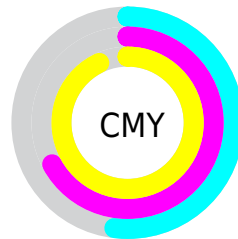
- Red (48%)
- Green (33%)
- Blue (7%)



- Red (31%)
- Yellow (48%)
- Blue (7%)



- Cyan (0%)
- Magenta (31%)
- Yellow (85%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8380, -34.4301, 29.9601 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 87.8380, -34.4301, 29.9601 by changing the saturation by 10% instead.

87.8380, -34.4301,
29.9601

87.8380, -34.4301,
29.9601

255.0000, 0.0000,
0.0000

64.2120, -31.6565,
27.0011

138.9310,
-35.4620, 34.2635

43.5240, -21.4573,
22.3425

166.3010,
-36.6304, 35.6930

24.0100, -11.8369,
16.6542

193.4970,
-37.2200, 38.1521

3.5880, -1.7689,
7.3773

218.2790,
-36.6195, 32.2043

0.0000, 0.0000,
0.0000

237.7930,
-32.9289, 15.0905

248.5020,

-24.8975, 5.6987

■ 251.8080,
-12.2303, 2.7994

■ 87.8380, -34.4301,
29.9601

■ 87.8380, -34.4301,
29.9601

■ 84.1220, -38.5141,
33.2190

■ 91.5540, -30.3461,
26.7011

■ 81.6770, -40.2668,
35.3633

■ 95.8570, -26.5515,
22.9274

■ 99.6870, -22.0307,
19.5685

■ 103.9900,
-18.2361, 15.7948

■ 107.7060,
-14.1521, 12.5358

■ 112.0090,
-10.3574, 8.7621

■ 115.7250, -6.2734,
5.5032

■ 120.1420, -2.0420,
1.6295

■ 123.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



89.2330, -23.2859, 48.9077



87.8380, -34.4301, 29.9601



84.7980, -33.9174, 5.4392

Triad

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



87.8380, -34.4301, 29.9601



75.9360, 16.7936, -66.5959



94.2670, 22.0534, 19.9368

Complementary

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



87.8380, -34.4301, 29.9601



52.1620, 34.4301, -29.9601

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.



87.9070, 34.5558, -23.5974



87.8380, -34.4301, 29.9601



78.2960, 30.9131, -68.6656

Square

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



87.8380, -34.4301, 29.9601



71.2450, 1.3582, -62.4819



76.8260, 40.5118, -67.3764



91.7730, 7.9999, 47.5571

Rectangle

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



87.8380, -34.4301, 29.9601



82.2560, -25.2692, -15.1335



76.8260, 40.5118, -67.3764



93.9280, 26.1645, 7.9561

Sweetspot

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



87.8380, -34.4301, 29.9601



144.5210, -13.5679, 11.8211



53.4280, 1.2680, 60.1376



70.9810, -7.8786, 7.0327



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.



87.8380, -34.4301, 29.9601



105.9420, -52.2294, 45.6549



105.9580, -43.3633, 1.7908



59.1420, -2.0420, 1.6295



83.7480, -41.2878, 36.1780



169.2680, -83.4491, 72.5560

Inverse Universe

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



52.1620, 34.4301, -29.9601



52.0580, 52.2294, -45.6549



34.0420, 43.3633, -1.7908



56.8580, 2.0420, -1.6295



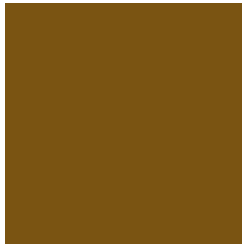
41.2520, 41.2878, -36.1780



82.7320, 83.4491, -72.5560

Previews

White Background



This preview shows how the YUV color 87.8380, -34.4301, 29.9601 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 87.8380, -34.4301, 29.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

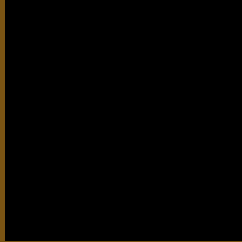
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8380, -34.4301, 29.9601

Background



This preview shows how black text looks on a background with the YUV color 87.8380, -34.4301, 29.9601.



This preview shows how white text looks on a background with the YUV color 87.8380, -34.4301,

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

87.8380, -34.4301, 29.9601

Protanopia

87.0810, -33.0709, 13.9610

Deuteranopia

87.5770, -35.2875, 24.9270



Tritanopia

93.0360, -4.4547, 28.9094

Trichromacy



Original Color

87.8380, -34.4301, 29.9601

Protanomaly

87.2990, -33.6714, 19.9088

Deuteranomaly

87.7020, -34.8561, 26.5713

Tritanomaly

91.1750, -15.3693, 29.6645

Monochromacy



Original Color

87.8380, -34.4301, 29.9601

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1510, -12.3994, 10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8380, -34.4301, 29.9601 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(122, 84, 18)` looks like.

```
.text, #text, p{  
    color:rgb(122, 84, 18)  
}
```

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(122, 84, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 84, 18) }
```

Border

The CSS property to change the border of an element to YUV 87.8380, -34.4301, 29.9601 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(122, 84, 18) }
```


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

```
.border{ border-color:rgb(122, 84, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 84, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 84, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 84, 18);  
box-shadow:4px 4px 4px 4px rgb(122, 84,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 87.8380, -34.4301, 29.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 84, 18) }
```

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

```
.background{ background-color: rgb(122, 84,  
18) }
```

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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