

Converting Colors

YUV(86.1250, -29.6416,
34.0934)

Have a look what the booklet for
YUV(86.1250, -29.6416, 34.0934)
contains.

YUV(86.1250, -29.6416, 34.0934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.1250, -29.6416,
34.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4E1A
RGB	125, 78, 26
RGB Percent	49%, 31%, 10%
CMY	0.5098, 0.6941, 0.8980
CMYK	0.00, 0.38, 0.79, 0.51
HSL	32°, 66%, 30%
HSV	32°, 79%, 49%
XYZ	11.3683, 9.8833, 2.2858
YIQ	86.1250, 44.7040, -6.2080

Conversions

Conversions Part 2

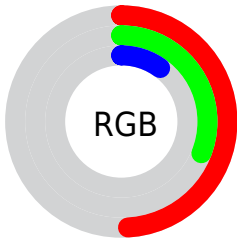
Format	Color
R_{YB}	115, 125, 26
Decimal	8211994
CIE Lab	37.63, 15.18, 37.30
CIE LCh	38, 40.267, 67.856
Yxy	9.8833, 0.4830, 0.4199
Android (android.graphics.Color)	4286402074 (0xFF7D4E1A)
YUV	86.1250, -29.6416, 34.0934
Hunter-Lab	31.4378, 9.5317, 17.6956

Details

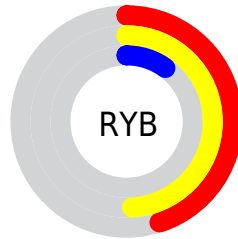
The YUV color **86.1250, -29.6416, 34.0934** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **64.8750, 29.6416, -34.0934**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9900, -31.5471, 38.5968**, and **40.6000, -20.0158, 26.6608** is the 20% darker color. If you saturate the color by 10%, you get **81.2350, -33.1469, 38.3819**, and if you desaturate by 10%, it is **91.1290, -25.6996, 29.7049**.

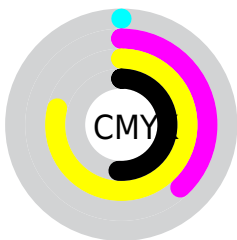
Distribution



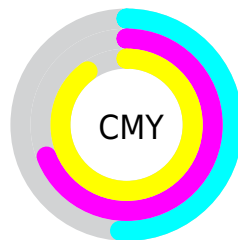
- Red (49%)
- Green (31%)
- Blue (10%)



- Red (45%)
- Yellow (49%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (79%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1250, -29.6416, 34.0934 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 86.1250, -29.6416, 34.0934 by changing the saturation by 10% instead.

86.1250, -29.6416,
34.0934

86.1250, -29.6416,
34.0934

255.0000, 0.0000,
0.0000

61.7010, -29.9256,
31.8342

136.9900,
-31.5471, 38.5968

40.6000, -20.0158,
26.6608

163.7730,
-32.4261, 40.5411

21.0860, -10.3954,
20.9726

191.4420,
-33.7419, 42.5854

3.8870, -1.9163,
7.9921

215.4410,
-32.2624, 34.6932

0.0000, 0.0000,
0.0000

234.9550,
-28.5718, 17.5795

249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

86.1250, -29.6416,
34.0934

86.1250, -29.6416,
34.0934

81.2350, -33.1469,
38.3819

91.1290, -25.6996,
29.7049

76.2310, -37.0889,
42.7704

96.0190, -22.1944,
25.4163

76.1170, -37.5257,
42.8704

101.0230,
-18.2523, 21.0278

105.9130,
-14.7471, 16.7393

110.9170,
-10.8051, 12.3508

■ 115.8070, -7.2999,
8.0623

■ 120.8110, -3.3578,
3.6738

■ 125.1140, 0.4368,
-0.1000

■ 130.1180, 4.3788,
-4.4885

Harmonies

Analogous

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



86.6120, -18.0497, 49.4523



86.1250, -29.6416, 34.0934



84.0700, -33.0655, 12.2166

Triad

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



86.1250, -29.6416, 34.0934



71.9920, 11.8359, -63.1370



90.7710, 24.2699, 8.9708

Complementary

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



86.1250, -29.6416, 34.0934



64.8750, 29.6416, -34.0934

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.



80.4490, 35.7676, -38.9818



86.1250, -29.6416, 34.0934



75.0530, 26.1029, -65.8215

Square

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



86.1250, -29.6416, 34.0934



67.6430, -2.2890, -59.3229



75.0990, 36.4332, -65.8618



90.0430, 11.8108, 38.5503

Rectangle

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



86.1250, -29.6416, 34.0934



82.0400, -27.6277, -5.2971



75.0990, 36.4332, -65.8618



89.6060, 27.8022, -4.0395

Sweetspot

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



86.1250, -29.6416, 34.0934



147.9880, -11.8261, 13.1655



61.0730, 6.3730, 56.0640



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.



86.1250, -29.6416, 34.0934



102.4790, -46.5781, 53.0769



113.1160, -42.9482, 8.6683



61.4410, -2.1894, 2.2442



77.6010, -38.2573, 44.1999



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.8750, 29.6416, -34.0934



69.1080, 46.2888, -53.5917



37.8840, 42.9482, -8.6683



59.5590, 2.1894, -2.2442



50.3990, 38.2573, -44.1999



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.1250, -29.6416, 34.0934 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 86.1250, -29.6416, 34.0934 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 86.1250, -29.6416, 34.0934

Background



This preview shows how black text looks on a background with the YUV color 86.1250, -29.6416, 34.0934.



This preview shows how white text looks on a background with the YUV color 86.1250, -29.6416,

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

86.1250, -29.6416, 34.0934

Protanopia

85.4490, -27.8294, 12.7612

Deuteranopia

86.0050, -31.0615, 22.7976



Tritanopia

90.0150, -5.9234, 33.3128

Trichromacy



Original Color

86.1250, -29.6416, 34.0934

Protanomaly

85.6780, -28.4353, 20.4534

Deuteranomaly

85.8530, -30.4935, 27.3159

Tritanomaly

88.7240, -14.6539, 33.5681

Monochromacy



Original Color

86.1250, -29.6416, 34.0934

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9170, -10.8051, 12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1250, -29.6416, 34.0934 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(125, 78, 26)` looks like.

```
.text, #text, p{  
    color:rgb(125, 78, 26)  
}
```

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(125, 78, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 78, 26) }
```

Border

The CSS property to change the border of an element to YUV 86.1250, -29.6416, 34.0934 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(125, 78, 26) }
```


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

```
.border{ border-color:rgb(125, 78, 26) }
```

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

Here you see how a box with a 4 pixel rgb(125, 78, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 78, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 78, 26);  
box-shadow:4px 4px 4px 4px rgb(125, 78,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 86.1250, -29.6416, 34.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 78, 26) }
```

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

```
.background{ background-color: rgb(125, 78,  
26) }
```

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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