

Converting Colors

YUV(86.4080, -32.2461,
29.4602)

Have a look what the booklet for
YUV(86.4080, -32.2461, 29.4602)
contains.

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Color

**YUV(86.4080, -32.2461,
29.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	785215
RGB	120, 82, 21
RGB Percent	47%, 32%, 8%
CMY	0.5294, 0.6784, 0.9176
CMYK	0.00, 0.32, 0.82, 0.53
HSL	37°, 70%, 28%
HSV	37°, 82%, 47%
XYZ	10.8984, 10.0818, 2.0810
YIQ	86.4080, 42.2290, -10.9150

Conversions

Conversions Part 2

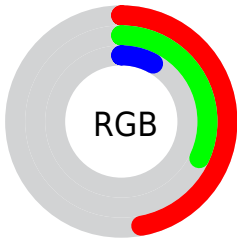
Format	Color
RYB	83, 120, 21
Decimal	7885333
CIELab	37.99, 10.20, 39.61
CIElCh	38, 40.903, 75.561
Yxy	10.0818, 0.4726, 0.4372
Android (android.graphics.Color)	4286075413 (0xFF785215)
YUV	86.4080, -32.2461, 29.4602
Hunter-Lab	31.7518, 5.7019, 18.3404

Details

The YUV color **86.4080, -32.2461, 29.4602** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.5920, 32.2461, -29.4602**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3870, -33.7148, 33.8636**, and **41.7520, -20.5837, 22.1425** is the 20% darker color. If you saturate the color by 10%, you get **82.1050, -36.0408, 33.2339**, and if you desaturate by 10%, it is **90.7110, -28.4515, 25.6865**.

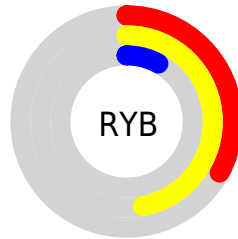
Distribution



Red (47%)

Green (32%)

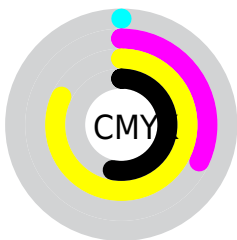
Blue (8%)



Red (33%)

Yellow (47%)

Blue (8%)

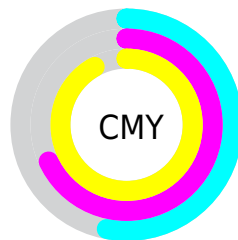


Cyan (0%)

Magenta (32%)

Yellow (82%)

Black (53%)



Cyan (53%)

Magenta (68%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4080, -32.2461, 29.4602 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 86.4080, -32.2461, 29.4602 by changing the saturation by 10% instead.

86.4080, -32.2461,
29.4602

86.4080, -32.2461,
29.4602

255.0000, 0.0000,
0.0000

62.4400, -30.7829,
26.8011

137.3870,
-33.7148, 33.8636

41.7520, -20.5837,
22.1425

164.1700,
-34.5938, 35.8079

22.2380, -10.9633,
16.4543

191.5400,
-35.7622, 37.2374

1.1960, -0.5896,
2.4591

217.3330,
-35.1672, 33.0340

0.0000, 0.0000,
0.0000

236.8470,
-31.4766, 15.9202

248.7300,

-24.0239, 5.4988

■ 252.0360,
-11.3567, 2.5994

■ 86.4080, -32.2461,
29.4602

■ 86.4080, -32.2461,
29.4602

■ 82.1050, -36.0408,
33.2339

■ 90.7110, -28.4515,
25.6865

■ 79.3180, -39.1038,
35.6781

■ 94.4270, -24.3675,
22.4275

■ 98.7300, -20.5729,
18.6538

■ 102.4460,
-16.4889, 15.3949

■ 106.7490,
-12.6943, 11.6211

■ 111.0520, -8.8996,
7.8474

■ 114.7680, -4.8156,
4.5885

■ 119.0710, -1.0210,
0.8147

■ 122.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



87.5640, -21.9701, 46.8634



86.4080, -32.2461, 29.4602



83.6670, -31.8808, 5.5540

Triad

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



86.4080, -32.2461, 29.4602



73.7190, 15.9145, -64.6516



92.1420, 21.6220, 18.2925

Complementary

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



86.4080, -32.2461, 29.4602



54.5920, 32.2461, -29.4602

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.



86.1520, 32.9561, -23.8123



86.4080, -32.2461, 29.4602



75.9650, 29.5973, -66.6213

Square

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



86.4080, -32.2461, 29.4602



69.2560, 1.3528, -60.7375



74.9680, 38.4698, -65.7469



90.1640, 8.3001, 44.5832

Rectangle

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



86.4080, -32.2461, 29.4602



80.9080, -24.1116, -13.0743



74.9680, 38.4698, -65.7469



91.8030, 25.7331, 6.3118

Sweetspot

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



86.4080, -32.2461, 29.4602



142.7490, -12.6943, 11.6211



55.1610, 2.8786, 56.8638



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.



86.4080, -32.2461, 29.4602



103.2240, -49.9034, 46.2846



105.7240, -41.7689, 3.7501



59.1420, -2.0420, 1.6295



82.5740, -40.7090, 37.2076



166.9200, -82.2916, 74.6152

Inverse Universe

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



54.5920, 32.2461, -29.4602



54.1890, 50.1928, -45.7698



35.2760, 41.7689, -3.7501



56.8580, 2.0420, -1.6295



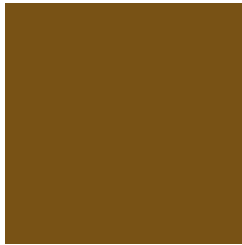
42.4260, 40.7090, -37.2076



85.6670, 82.0022, -75.1300

Previews

White Background



This preview shows how the YUV color 86.4080, -32.2461, 29.4602 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 86.4080, -32.2461, 29.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

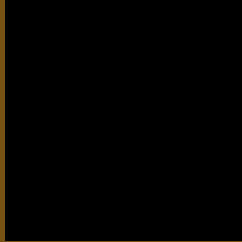
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4080, -32.2461, 29.4602

Background



This preview shows how black text looks on a background with the YUV color 86.4080, -32.2461, 29.4602.



This preview shows how white text looks on a background with the YUV color 86.4080, -32.2461,

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

86.4080, -32.2461, 29.4602

Protanopia

85.6510, -30.8869, 13.4611

Deuteranopia

85.8480, -32.9561, 23.8123



Tritanopia

90.7370, -4.3073, 28.2947

Trichromacy



Original Color

86.4080, -32.2461, 29.4602

Protanomaly

85.8690, -31.4874, 19.4089

Deuteranomaly

86.2720, -32.6721, 26.0715

Tritanomaly

89.1040, -14.3483, 28.8498

Monochromacy



Original Color

86.4080, -32.2461, 29.4602

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2650, -11.9626, 10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4080, -32.2461, 29.4602 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(120, 82, 21)` looks like.

```
.text, #text, p{  
    color:rgb(120, 82, 21)  
}
```

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(120, 82, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 82, 21) }
```

Border

The CSS property to change the border of an element to YUV 86.4080, -32.2461, 29.4602 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(120, 82, 21) }
```


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

```
.border{ border-color:rgb(120, 82, 21) }
```

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

Here you see how a box with a 4 pixel rgb(120, 82, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 82, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 82, 21);  
box-shadow:4px 4px 4px 4px rgb(120, 82,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 86.4080, -32.2461, 29.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 82, 21) }
```

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

```
.background{ background-color: rgb(120, 82,  
21) }
```

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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