

Converting Colors

YUV(82.6900, -16.6092, 7.2879)

Have a look what the booklet for
YUV(82.6900, -16.6092, 7.2879)
contains.

YUV(82.6900, -16.6092, 7.2879)	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(82.6900, -16.6092,
7.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5531
RGB	91, 85, 49
RGB Percent	36%, 33%, 19%
CMY	0.6431, 0.6667, 0.8078
CMYK	0.00, 0.07, 0.46, 0.64
HSL	51°, 30%, 27%
HSV	51°, 46%, 36%
XYZ	8.1173, 8.9429, 4.2041
YIQ	82.6900, 15.1320, -9.9240

Conversions

Conversions Part 2

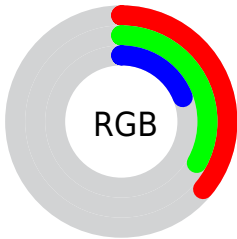
Format	Color
R_{YB}	56, 91, 49
Decimal	5985585
CIE Lab	35.87, -3.41, 21.84
CIE LCh	36, 22.104, 98.867
Yxy	8.9429, 0.3817, 0.4206
Android (android.graphics.Color)	4284175665 (0xFF5B5531)
YUV	82.6900, -16.6092, 7.2879
Hunter-Lab	29.9047, -3.8815, 12.5982

Details

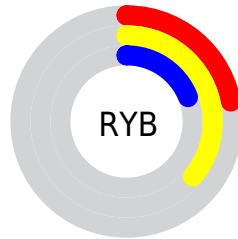
The YUV color **82.6900, -16.6092, 7.2879** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.3100, 16.6092, -7.2879**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0600, -17.7776, 8.7174**, and **36.9780, -16.7512, 6.1583** is the 20% darker color. If you saturate the color by 10%, you get **81.0770, -20.2510, 8.7025**, and if you desaturate by 10%, it is **84.3030, -12.9674, 5.8733**.

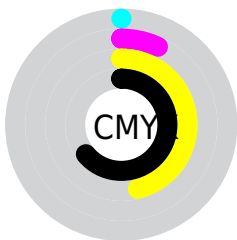
Distribution



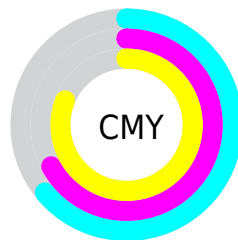
- Red (36%)
- Green (33%)
- Blue (19%)



- Red (22%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (46%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6900, -16.6092, 7.2879 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 82.6900, -16.6092, 7.2879 by changing the saturation by 10% instead.

■ 82.6900, -16.6092,
7.2879

■ 82.6900, -16.6092,
7.2879

■ 255.0000, 0.0000,
0.0000

■ 59.5050, -16.0250,
6.5731

■ 132.0600,
-17.7776, 8.7174

■ 36.9780, -16.7512,
6.1583

■ 158.8320,
-18.6512, 8.9173

■ 18.0190, -8.8834,
2.6143

■ 185.7180,
-19.0880, 9.0173

■ 0.0000, 0.0000,
0.0000

■ 213.2020,
-19.8196, 10.3468

■ 241.7890,
-20.1090, 9.8320

■ 252.0360,

-11.3567, 2.5994

■ 82.6900, -16.6092,
7.2879

■ 82.6900, -16.6092,
7.2879

■ 81.0770, -20.2510,
8.7025

■ 84.3030, -12.9674,
5.8733

■ 78.8770, -23.6034,
10.6319

■ 86.5030, -9.6150,
3.9439

■ 77.2640, -27.2452,
12.0465

■ 88.1160, -5.9732,
2.5293

■ 75.6510, -30.8869,
13.4611

■ 89.7290, -2.3314,
1.1147

■ 73.3370, -34.6761,
15.4905

■ 92.0430, 1.4578,
-0.9147

■ 72.9950, -35.9865,
15.7904

■ 93.6560, 5.0996,
-2.3293

■ 95.2690, 8.7414,
-3.7439

■ 96.8820, 12.3832,
-5.1585

■ 99.0820, 15.7356,
-7.0879

Harmonies

Analogous

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



84.2940, -15.9209, 19.9132



82.6900, -16.6092, 7.2879



80.7420, -12.1978, -7.6667

Triad

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



82.6900, -16.6092, 7.2879



70.8610, 17.3235, -49.8671



86.6250, 5.6079, 21.3769

Complementary

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



82.6900, -16.6092, 7.2879



57.3100, 16.6092, -7.2879

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.



86.3610, 12.6400, 5.8224



82.6900, -16.6092, 7.2879



77.5300, 19.4587, -34.6678

Square

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



82.6900, -16.6092, 7.2879



73.0980, 7.8397, -41.3049



83.2060, 17.6464, -13.3357



86.3780, -3.1444, 28.6095

Rectangle

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



82.6900, -16.6092, 7.2879



78.5710, -6.1975, -18.9178



83.2060, 17.6464, -13.3357



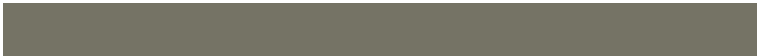
86.8740, 7.9501, 16.7735

Sweetspot

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



82.6900, -16.6092, 7.2879



114.0020, -6.4100, 2.6292



62.2420, -3.5703, 25.2208



56.6860, -3.7892, 2.0294



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



82.6900, -16.6092, 7.2879



104.4210, -25.3506, 11.0318



81.7270, -16.1344, -5.0226



44.8430, -1.8946, 1.0147



88.0680, -43.4175, 19.2344



190.0240, -93.6818, 41.1980

Inverse Universe

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



57.3100, 16.6092, -7.2879



65.5790, 25.3506, -11.0318



58.2730, 16.1344, 5.0226



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



46.9760, 93.6818, -41.1980

Previews

White Background



This preview shows how the YUV color 82.6900, -16.6092, 7.2879 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 82.6900, -16.6092, 7.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

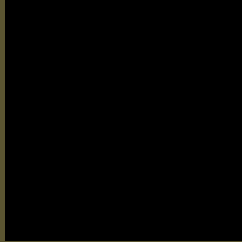
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6900, -16.6092, 7.2879

Background



This preview shows how black text looks on a background with the YUV color 82.6900, -16.6092, 7.2879.

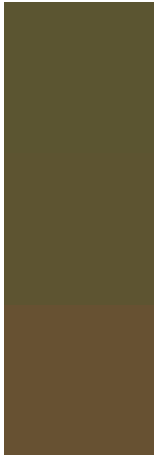


This preview shows how white text looks on a background with the YUV color 82.6900, -16.6092,

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

82.6900, -16.6092, 7.2879

Protanopia

82.7010, -16.6146, 9.0322

Deuteranopia

84.0440, -16.7837, 16.6244



Tritanopia

85.8700, 0.5571, 8.0070

Trichromacy



Original Color

82.6900, -16.6092, 7.2879

Protanomaly

82.4020, -16.4672, 8.4174

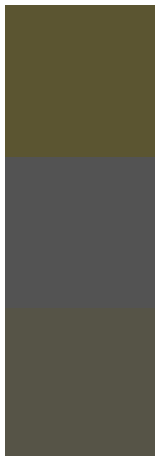
Deuteranomaly

83.4350, -16.4835, 13.6505

Tritanomaly

84.5620, -5.7001, 8.2771

Monochromacy



Original Color

82.6900, -16.6092, 7.2879

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6900, -16.6092, 7.2879 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(91, 85, 49)` looks like.

```
.text, #text, p{  
    color:rgb(91, 85, 49)  
}
```

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(91, 85, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 85, 49) }
```

Border

The CSS property to change the border of an element to YUV 82.6900, -16.6092, 7.2879 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(91, 85, 49) }
```


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

```
.border{ border-color:rgb(91, 85, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 85, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 85, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 85, 49);  
box-shadow:4px 4px 4px 4px rgb(91, 85, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.6900, -16.6092, 7.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 85, 49) }
```

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

```
.background{ background-color: rgb(91, 85,  
49) }
```

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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