

Converting Colors

YUV(82.9870, 56.7014,
-33.3146)

Have a look what the booklet for
YUV(82.9870, 56.7014, -33.3146)
contains.

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Color

**YUV(82.9870, 56.7014,
-33.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	2D50C6
RGB	45, 80, 198
RGB Percent	18%, 31%, 78%
CMY	0.8235, 0.6863, 0.2235
CMYK	0.77, 0.60, 0.00, 0.22
HSL	226°, 63%, 48%
HSV	226°, 77%, 78%
XYZ	14.1439, 10.3724, 54.6827
YIQ	82.9870, -58.7380, 29.2780

Conversions

Conversions Part 2

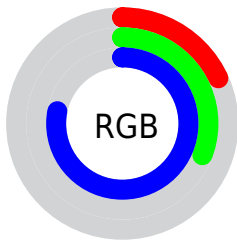
Format	Color
R_{YB}	45, 73, 198
Decimal	2969798
CIE _{Lab}	38.50, 30.03, -65.00
CIE _{LCh}	39, 71.607, 294.799
Yxy	10.3724, 0.1786, 0.1310
Android (android.graphics.Color)	4281159878 (0xFF2D50C6)
YUV	82.9870, 56.7014, -33.3146
Hunter-Lab	32.2063, 22.0302, -78.1236

Details

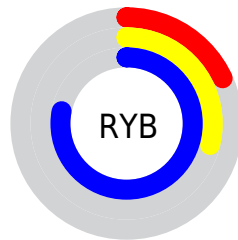
The YUV color **82.9870, 56.7014, -33.3146** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **160.0130, -56.7014, 33.3146**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8790, 57.2477, -21.8189**, and **38.0210, 51.7546, -33.3444** is the 20% darker color. If you saturate the color by 10%, you get **68.2020, 63.9904, -37.8882**, and if you desaturate by 10%, it is **97.7720, 49.4124, -28.7410**.

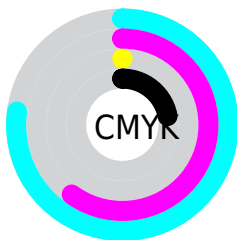
Distribution



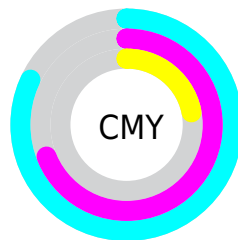
- Red (18%)
- Green (31%)
- Blue (78%)



- Red (18%)
- Yellow (29%)
- Blue (78%)



- Cyan (77%)
- Magenta (60%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9870, 56.7014, -33.3146 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 82.9870, 56.7014, -33.3146 by changing the saturation by 10% instead.

■ 82.9870, 56.7014,
-33.3146

■ 82.9870, 56.7014,
-33.3146

■ 255.0000, 0.0000,
0.0000

■ 52.8390, 57.7604,
-46.3398

■ 138.8790, 57.2477,
-21.8189

■ 38.0210, 51.7546,
-33.3444

■ 163.4100, 45.1539,
-16.1456

■ 23.9040, 45.8963,
-20.9638

■ 187.6420, 33.2075,
-11.0870

■ 10.3740, 39.7486,
-9.0980

■ 213.0480, 20.6823,
-7.0581

■ 11.7470, 27.2397,
-10.3021

■ 238.4540, 8.1572,
-3.0292

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 82.9870, 56.7014,
-33.3146

■ 82.9870, 56.7014,
-33.3146

■ 68.2020, 63.9904,
-37.8882

■ 97.7720, 49.4124,
-28.7410

■ 52.8300, 71.5688,
-41.9469

■ 113.1440, 41.8340,
-24.6823

■ 48.9870, 73.4634,
-42.9616

■ 127.6300, 34.6924,
-20.7235

■ 142.4150, 27.4034,
-16.1500

■ 157.2000, 20.1144,
-11.5764

■ 172.5720, 12.5360,
-7.5176

■ 187.3570, 5.2470,
-2.9441

■ 201.8430, -1.8946,
1.0147

■ 216.6280, -9.1836,
5.5882

Harmonies

Analogous

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



83.5860, 61.3361, -73.3049



82.9870, 56.7014, -33.3146



86.4450, 35.7696, 53.9837

Triad

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



82.9870, 56.7014, -33.3146



81.0110, -39.9384, 70.1504



75.2230, 1.3691, -65.9706

Complementary

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



82.9870, 56.7014, -33.3146



160.0130, -56.7014, 33.3146

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.



65.3680, -28.7754, -57.3277



82.9870, 56.7014, -33.3146



85.7750, -42.2871, 30.0153

Square

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



82.9870, 56.7014, -33.3146



60.5590, -7.1776, 109.1348



78.4230, -38.6625, -12.6490



82.6500, 27.2876, -72.4840

Rectangle

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



82.9870, 56.7014, -33.3146



66.6460, 27.7825, 95.9035



78.4230, -38.6625, -12.6490



72.3560, -7.0775, -63.4562

Sweetspot

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



82.9870, 56.7014, -33.3146



210.9440, 21.7196, -13.1059



148.1490, 6.8285, -90.4617



100.8000, 13.4096, -7.7176



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



82.9870, 56.7014, -33.3146



76.7160, 87.8940, -51.4939



74.7010, 60.7864, 9.9092



92.2000, 3.3524, -1.9294



40.3010, 60.4906, -35.3440



8.8000, 13.4096, -7.7176

Inverse Universe

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



94.7370, -7.2653, 90.5617



95.0190, -11.3484, 140.3033



168.2990, -60.7864, -9.9092



92.9190, -0.4531, 5.3330



52.9550, -7.8658, 96.5095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 82.9870, 56.7014, -33.3146 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 82.9870, 56.7014, -33.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

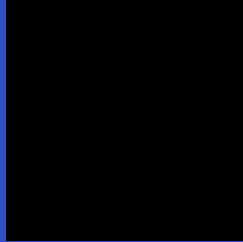
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9870, 56.7014, -33.3146

Background



This preview shows how black text looks on a background with the YUV color 82.9870, 56.7014, -33.3146.



This preview shows how white text looks on a background with the YUV color 82.9870, 56.7014,

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

82.9870, 56.7014, -33.3146

Protanopia

72.0450, 55.1938, -63.1835

Deuteranopia

72.6030, 42.1007, -63.6728



Tritanopia

70.8980, 17.7983, -62.1775

Trichromacy



Original Color

82.9870, 56.7014, -33.3146

Protanomaly

75.6380, 55.8875, -52.3025

Deuteranomaly

76.1620, 47.7411, -52.7621

Tritanomaly

75.3350, 31.8798, -52.0368

Monochromacy



Original Color

82.9870, 56.7014, -33.3146

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0150, 20.6986, -12.2912

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9870, 56.7014, -33.3146 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(45, 80, 198)` looks like.

```
.text, #text, p{  
    color:rgb(45, 80, 198)  
}
```

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(45, 80, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 80, 198) }
```

Border

The CSS property to change the border of an element to YUV 82.9870, 56.7014, -33.3146 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(45, 80, 198) }
```


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

```
.border{ border-color:rgb(45, 80, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 80, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 80, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 80, 198);  
box-shadow:4px 4px 4px 4px rgb(45, 80,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 82.9870, 56.7014, -33.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 80, 198) }
```

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

```
.background{ background-color: rgb(45, 80,  
198) }
```

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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