

Converting Colors

YUV(86.7870, 56.8000,
-18.2302)

Have a look what the booklet for
YUV(86.7870, 56.8000, -18.2302)
contains.

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Color

**YUV(86.7870, 56.8000,
-18.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	424BCA
RGB	66, 75, 202
RGB Percent	26%, 29%, 79%
CMY	0.7412, 0.7059, 0.2078
CMYK	0.67, 0.63, 0.00, 0.21
HSL	236°, 56%, 53%
HSV	236°, 67%, 79%
XYZ	15.4235, 10.4547, 57.0822
YIQ	86.7870, -46.1310, 37.5890

Conversions

Conversions Part 2

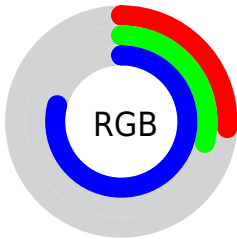
Format	Color
R _Y B	66, 74, 202
Decimal	4344778
CIE Lab	38.65, 37.18, -67.05
CIE LCh	39, 76.665, 299.007
Yxy	10.4547, 0.1859, 0.1260
Android (android.graphics.Color)	4282534858 (0xFF424BCA)
YUV	86.7870, 56.8000, -18.2302
Hunter-Lab	32.3337, 28.5625, -82.0375

Details

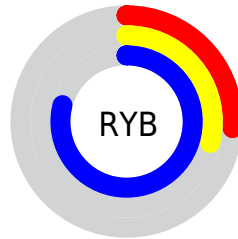
The YUV color **86.7870, 56.8000, -18.2302** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **181.2130, -56.8000, 18.2302**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4290, 56.4835, -10.0232**, and **34.9550, 55.2382, -30.6555** is the 20% darker color. If you saturate the color by 10%, you get **69.6540, 65.2466, -20.7446**, and if you desaturate by 10%, it is **103.9200, 48.3534, -15.7158**.

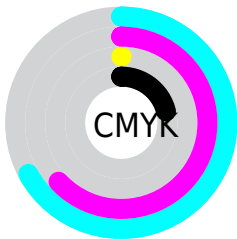
Distribution



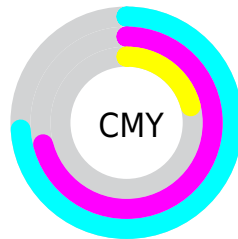
- Red (26%)
- Green (29%)
- Blue (79%)



- Red (26%)
- Yellow (29%)
- Blue (79%)



- Cyan (67%)
- Magenta (63%)
- Yellow (0%)
- Black (21%)



- Cyan (74%)
- Magenta (71%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7870, 56.8000, -18.2302 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 86.7870, 56.8000, -18.2302 by changing the saturation by 10% instead.

■ 86.7870, 56.8000,
-18.2302

■ 86.7870, 56.8000,
-18.2302

■ 255.0000, 0.0000,
0.0000

■ 56.9380, 57.7116,
-30.6406

■ 140.4290, 56.4835,
-10.0232

■ 34.9550, 55.2382,
-30.6555

■ 164.6610, 44.5371,
-4.9647

■ 20.7240, 48.9431,
-18.1749

■ 189.4800, 32.3014,
-0.4210

■ 10.8300, 41.4958,
-9.4979

■ 214.2990, 20.0656,
4.1228

■ 12.6760, 28.2607,
-11.1169

■ 240.0040, 7.3930,
8.7665

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 86.7870, 56.8000,
-18.2302

■ 86.7870, 56.8000,
-18.2302

■ 69.6540, 65.2466,
-20.7446

■ 103.9200, 48.3534,
-15.7158

■ 52.5210, 73.6931,
-23.2589

■ 121.0530, 39.9069,
-13.2015

■ 35.0890, 82.2871,
-26.3881

■ 138.4850, 31.3129,
-10.0723

■ 30.6590, 84.4711,
-26.8879

■ 155.0310, 23.1557,
-7.0432

■ 172.1640, 14.7091,
-4.5288

■ 189.2970, 6.2626,
-2.0145

■ 206.4300, -2.1840,
0.4999

■ 223.8620,
-10.7780, 3.6290

■ 240.9950,
-19.2245, 6.1434

Harmonies

Analogous

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



84.1390, 65.9935, -73.7899



86.7870, 56.8000, -18.2302



78.5380, 38.1888, 71.4422

Triad

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



86.7870, 56.8000, -18.2302



81.8860, -40.3698, 68.5060



77.4230, 4.7215, -67.9000

Complementary

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



86.7870, 56.8000, -18.2302



181.2130, -56.8000, 18.2302

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.



67.3400, -26.2966, -59.0572



86.7870, 56.8000, -18.2302



85.7420, -42.2708, 24.7823

Square

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



86.7870, 56.8000, -18.2302



60.5010, -12.5720, 112.6936



75.9980, -37.4670, -22.8002



85.1920, 31.9503, -74.7134

Rectangle

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



86.7870, 56.8000, -18.2302



68.9520, 23.6877, 102.6511



75.9980, -37.4670, -22.8002



74.3280, -4.5987, -65.1857

Sweetspot

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



86.7870, 56.8000, -18.2302



211.5750, 21.4085, -6.6433



160.3100, 16.1162, -82.7099



101.7080, 12.9620, -4.1289



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.



86.7870, 56.8000, -18.2302



79.8160, 86.3657, -27.9026



99.1450, 50.7075, 22.6748



93.1400, 4.3680, -0.9998



25.3810, 69.3252, -22.2591



6.0930, 15.7302, -5.3436

Inverse Universe

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



107.6900, -16.1162, 82.7099



111.4890, -24.3981, 125.8591



168.8550, -50.7075, -22.6748



94.9900, -1.4741, 6.1478



50.8880, -19.6648, 100.9532



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 86.7870, 56.8000, -18.2302 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 86.7870, 56.8000, -18.2302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

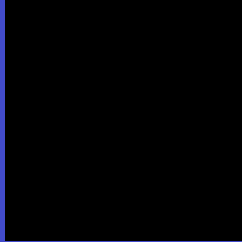
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7870, 56.8000, -18.2302

Background



This preview shows how black text looks on a background with the YUV color 86.7870, 56.8000, -18.2302.



This preview shows how white text looks on a background with the YUV color 86.7870, 56.8000,

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

86.7870, 56.8000, -18.2302

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.7170, 42.5375, -63.7728



Tritanopia

71.5990, 17.9457, -62.7923

Trichromacy



Original Color

86.7870, 56.8000, -18.2302

Protanomaly

77.6710, 55.8712, -47.0695

Deuteranomaly

77.6080, 48.0143, -47.0142

Tritanomaly

77.3680, 31.8636, -46.8037

Monochromacy



Original Color

86.7870, 56.8000, -18.2302

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0480, 20.6823, -7.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7870, 56.8000, -18.2302 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(66, 75, 202)` looks like.

```
.text, #text, p{  
    color:rgb(66, 75, 202)  
}
```

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(66, 75, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 75, 202) }
```

Border

The CSS property to change the border of an element to YUV 86.7870, 56.8000, -18.2302 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(66, 75, 202) }
```


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

```
.border{ border-color:rgb(66, 75, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 75, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 75, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 75, 202);  
box-shadow:4px 4px 4px 4px rgb(66, 75,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 86.7870, 56.8000, -18.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 75, 202) }
```

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

```
.background{ background-color: rgb(66, 75,  
202) }
```

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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