

Converting Colors

YUV(86.9810, 82.8334,
-14.8923)

Have a look what the booklet for
YUV(86.9810, 82.8334, -14.8923)
contains.

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Color

**YUV(86.9810, 82.8334,
-14.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	463FFF
RGB	70, 63, 255
RGB Percent	27%, 25%, 100%
CMY	0.7255, 0.7529, 0.0000
CMYK	0.73, 0.75, 0.00, 0.00
HSL	242°, 100%, 62%
HSV	242°, 75%, 100%
XYZ	22.3533, 12.0771, 95.7607
YIQ	86.9810, -57.4600, 61.1960

Conversions

Conversions Part 2

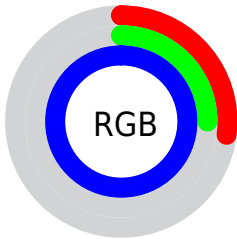
Format	Color
R_YB	70, 63, 255
Decimal	4603903
CIE Lab	41.34, 61.48, -92.76
CIE LCh	41, 111.285, 303.536
Yxy	12.0771, 0.1717, 0.0928
Android (android.graphics.Color)	4282793983 (0xFF463FFF)
YUV	86.9810, 82.8334, -14.8923
Hunter-Lab	34.7521, 53.9987, -139.0492

Details

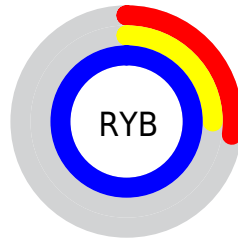
The YUV color **86.9810, 82.8334, -14.8923** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **231.0190, -82.8334, 14.8923**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7450, 57.3137, 3.7316**, and **28.9150, 82.8659, -25.3585** is the 20% darker color. If you saturate the color by 10%, you get **64.2440, 94.0427, -16.8770**, and if you desaturate by 10%, it is **109.7180, 71.6240, -12.9077**.

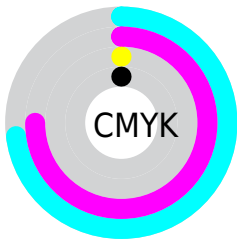
Distribution



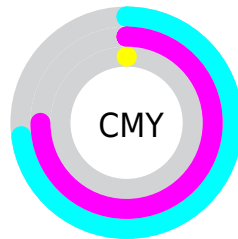
- Red (27%)
- Green (25%)
- Blue (100%)



- Red (27%)
- Yellow (25%)
- Blue (100%)



- Cyan (73%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9810, 82.8334, -14.8923 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 86.9810, 82.8334, -14.8923 by changing the saturation by 10% instead.

■ 86.9810, 82.8334,
-14.8923

■ 86.9810, 82.8334,
-14.8923

255.0000, 0.0000,
0.0000

■ 48.0700, 87.7195,
-42.1574

■ 138.7450, 57.3137,
3.7316

■ 28.9150, 82.8659,
-25.3585

■ 163.8740, 44.9251,
10.6345

■ 19.1520, 73.3821,
-16.7963

■ 189.2910, 32.3945,
16.4078

■ 16.0740, 61.5885,
-14.0969

■ 215.2950, 19.5746,
21.6663

■ 14.7570, 48.9268,
-12.9419

■ 236.8030, 8.9711,
15.9588

■ 17.6630, 34.6761,
-15.4905

253.8260, 0.5788,

■ 11.4050, 25.9293,

1.0296

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 86.9810, 82.8334,
-14.8923

■ 86.9810, 82.8334,
-14.8923

■ 64.2440, 94.0427,
-16.8770

■ 109.7180, 71.6240,
-12.9077

■ 42.3930, 104.8153,
-18.7617

■ 131.5690, 60.8515,
-11.0230

■ 31.7610, 110.0568,
-19.9614

■ 154.3060, 49.6421,
-9.0384

■ 176.1570, 38.8696,
-7.1537

■ 198.8940, 27.6603,
-5.1690

■ 220.7450, 16.8877,
-3.2844

■ 243.4820, 5.6784,
-1.2997

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



86.9810, 82.8334, -14.8923



82.2280, 48.6946, 108.5480

Triad

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



86.9810, 82.8334, -14.8923



84.3440, -41.5816, 83.8903



87.3340, 9.6953, -76.5919

Complementary

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



86.9810, 82.8334, -14.8923



231.0190, -82.8334, 14.8923

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.



73.3750, -36.1739, -64.3499



86.9810, 82.8334, -14.8923



91.0030, -44.8645, 16.6604

Square

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



86.9810, 82.8334, -14.8923



68.1720, -33.6088, 140.1692



68.6790, -33.8587, -60.2315



98.9960, 49.3020, -86.8195

Rectangle

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



86.9810, 82.8334, -14.8923



84.7710, 18.3539, 133.5048



68.6790, -33.8587, -60.2315



82.9850, -4.4296, -72.7778

Sweetspot

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



86.9810, 82.8334, -14.8923



203.3240, 25.4763, -4.6691



194.0700, 30.0385, -114.9484



96.4030, 15.5773, -2.9844



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.



86.9810, 82.8334, -14.8923



53.9110, 99.1369, -17.4619



115.3860, 68.8297, 43.5115



116.4820, 5.6784, -1.2997



23.8670, 82.3966, -14.7924



7.8940, 27.6603, -5.1690

Inverse Universe

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



141.4980, 52.5055, 99.5413



119.0780, 63.0655, 119.2036



202.6140, -68.8297, -43.5115



120.2550, 3.3253, 6.7924



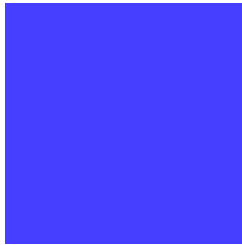
78.0850, 52.2161, 99.0265



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 86.9810, 82.8334, -14.8923 looks on a white background.

Color Contrast Check

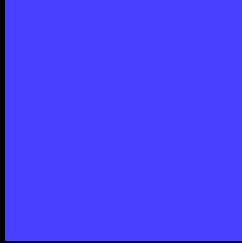
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.9810, 82.8334, -14.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

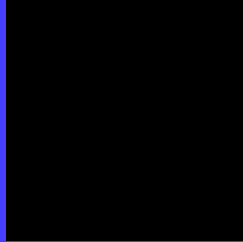
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9810, 82.8334, -14.8923

Background



This preview shows how black text looks on a background with the YUV color 86.9810, 82.8334, -14.8923.



This preview shows how white text looks on a background with the YUV color 86.9810, 82.8334,

-14.8923.

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

86.9810, 82.8334, -14.8923

Protanopia

76.9350, 58.6990, -67.4720

Deuteranopia

77.1510, 44.2956, -67.6614



Tritanopia

75.8050, 18.8301, -66.4810

Trichromacy



Original Color

86.9810, 82.8334, -14.8923

Protanomaly

80.3470, 67.3699, -48.5393

Deuteranomaly

80.6430, 58.3500, -48.7989

Tritanomaly

79.7020, 42.0519, -47.9737

Monochromacy



Original Color

86.9810, 82.8334, -14.8923

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8770, 30.1336, -5.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9810, 82.8334, -14.8923 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(70, 63, 255)` looks like.

```
.text, #text, p{  
    color:rgb(70, 63, 255)  
}
```

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(70, 63, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 63, 255) }
```

Border

The CSS property to change the border of an element to YUV 86.9810, 82.8334, -14.8923 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(70, 63, 255) }
```


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

```
.border{ border-color:rgb(70, 63, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 63, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 63, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 63, 255);  
box-shadow:4px 4px 4px 4px rgb(70, 63,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 86.9810, 82.8334, -14.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 63, 255) }
```

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

```
.background{ background-color: rgb(70, 63,  
255) }
```

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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