

Converting Colors

YUV(82.9830, 2.4734, 0.0149)

Have a look what the booklet for
YUV(82.9830, 2.4734, 0.0149)
contains.

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Color

**YUV(82.9830, 2.4734,
0.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	535258
RGB	83, 82, 88
RGB Percent	33%, 32%, 35%
CMY	0.6745, 0.6784, 0.6549
CMYK	0.06, 0.07, 0.00, 0.65
HSL	250°, 4%, 33%
HSV	250°, 7%, 35%
XYZ	8.3460, 8.5782, 10.4484
YIQ	82.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

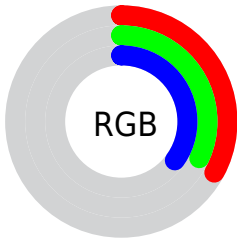
Format	Color
R_YB	83, 82, 88
Decimal	5460568
CIE Lab	35.16, 1.72, -3.36
CIE LCh	35, 3.776, 297.169
Yxy	8.5782, 0.3049, 0.3134
Android (android.graphics.Color)	4283650648 (0xFF535258)
YUV	82.9830, 2.4734, 0.0149
Hunter-Lab	29.2885, -0.3897, -0.6492

Details

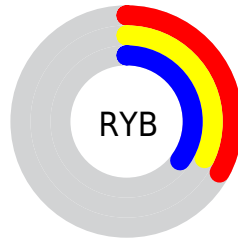
The YUV color **82.9830, 2.4734, 0.0149** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.0170, -2.4734, -0.0149**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0970, 2.9102, -0.0851**, and **37.9830, 2.4734, 0.0149** is the 20% darker color. If you saturate the color by 10%, you get **75.6070, 6.1097, 0.3447**, and if you desaturate by 10%, it is **90.3590, -1.1630, -0.3148**.

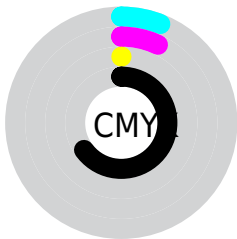
Distribution



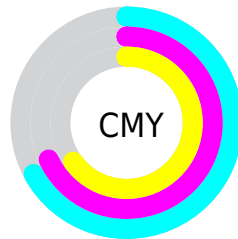
- Red (33%)
- Green (32%)
- Blue (35%)



- Red (33%)
- Yellow (32%)
- Blue (35%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (65%)



- Cyan (67%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9830, 2.4734, 0.0149 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 82.9830, 2.4734, 0.0149 by changing the saturation by 10% instead.

■ 82.9830, 2.4734,
0.0149

■ 82.9830, 2.4734,
0.0149

■ 255.0000, 0.0000,
0.0000

■ 59.9830, 2.4734,
0.0149

■ 132.0970, 2.9102,
-0.0851

■ 37.9830, 2.4734,
0.0149

■ 158.3960, 2.7628,
0.5297

■ 17.8690, 2.0366,
0.1149

■ 185.0970, 2.9102,
-0.0851

■ 0.0000, 0.0000,
0.0000

■ 213.0970, 2.9102,
-0.0851

■ 241.2110, 3.3470,
-0.1850

82.9830, 2.4734,
0.0149

82.9830, 2.4734,
0.0149

75.6070, 6.1097,
0.3447

90.3590, -1.1630,
-0.3148

67.9320, 9.8935,
0.0596

98.0340, -4.9468,
-0.0298

61.1430, 13.2405,
-0.1254

104.8230, -8.2937,
0.1552

53.7670, 16.8769,
0.2043

112.1990,
-11.9301, -0.1745

46.0920, 20.6606,
-0.0807

119.8740,
-15.7139, 0.1105

38.7160, 24.2970,
0.2491

127.2500,
-19.3502, -0.2192

31.3400, 27.9334,
0.5788

134.6260,
-22.9866, -0.5490

24.2520, 31.4278,

141.7140,

-0.2210

-26.4810, 0.2508

■ 16.8760, 35.0641,
0.1087

■ 149.0900,
-30.1174, -0.0789

Harmonies

Analogous

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



82.4880, 3.2104, -3.0590



82.9830, 2.4734, 0.0149



83.0650, 1.4470, 2.5740

Triad

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



82.9830, 2.4734, 0.0149



82.7510, -2.3422, 4.6034



81.9670, 0.0163, -5.2331

Complementary

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



82.9830, 2.4734, 0.0149



87.0170, -2.4734, -0.0149

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.



81.9350, -1.4470, -2.5740



82.9830, 2.4734, 0.0149



82.6260, -2.7736, 2.9590

Square

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



82.9830, 2.4734, 0.0149



83.2780, -1.6161, 5.0182



82.0170, -2.4734, -0.0149



81.4230, 1.7635, -5.6330

Rectangle

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



82.9830, 2.4734, 0.0149



83.4350, 0.2785, 4.0035



82.0170, -2.4734, -0.0149



81.5650, -0.2785, -4.0035

Sweetspot

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



82.9830, 2.4734, 0.0149



112.6410, 1.1630, 0.3148



85.6190, 1.1738, -3.1739



57.5270, 0.7262, 0.4148



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.



82.9830, 2.4734, 0.0149



107.3250, 3.7838, -0.2850



83.8800, 2.0312, 1.8592



39.7550, 1.5998, 0.2149



17.5800, 44.0841, 0.3683



38.4510, 96.8987, 0.4815

Inverse Universe

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



84.3640, 1.2995, 3.1888



109.4890, 1.7309, 4.8331



86.1200, -2.0312, -1.8592



40.6520, 1.1576, 2.0592



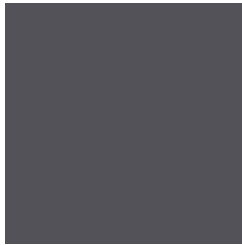
42.1390, 23.1025, 56.8831



92.6090, 50.9718, 124.8769

Previews

White Background



This preview shows how the YUV color 82.9830, 2.4734, 0.0149 looks on a white background.

Color Contrast Check

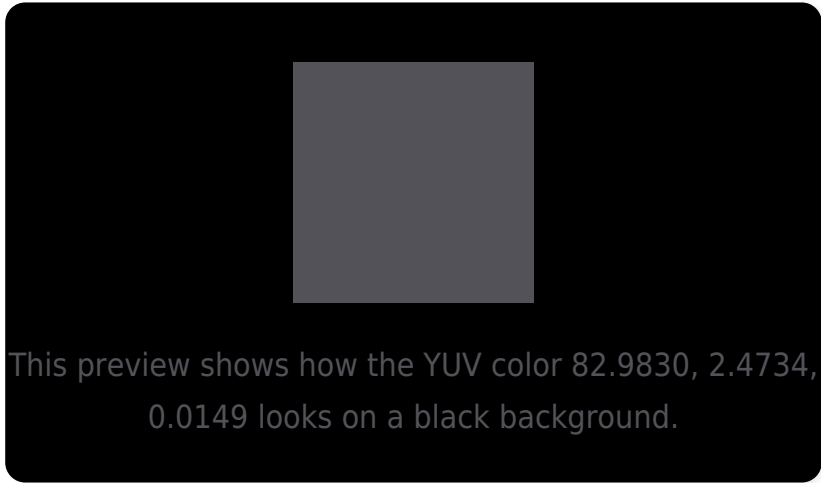
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

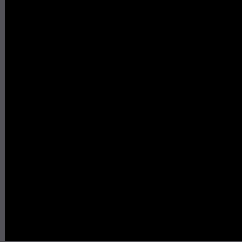
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9830, 2.4734, 0.0149

Background



This preview shows how black text looks on a background with the YUV color 82.9830, 2.4734, 0.0149.



This preview shows how white text looks on a background with the YUV color 82.9830, 2.4734,

0.0149.

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

82.9830, 2.4734, 0.0149

Protanopia

82.9830, 2.4734, 0.0149

Deuteranopia

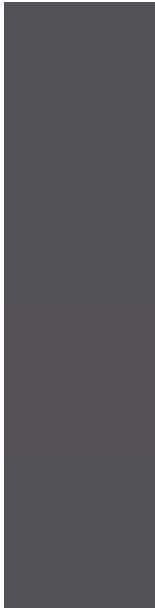
83.3040, 2.3151, 4.1184



Tritanopia

82.9830, 2.4734, 0.0149

Trichromacy



Original Color

82.9830, 2.4734, 0.0149

Protanomaly

82.9830, 2.4734, 0.0149

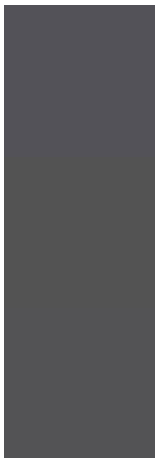
Deuteranomaly

83.2930, 2.3206, 2.3740

Tritanomaly

82.9830, 2.4734, 0.0149

Monochromacy



Original Color

82.9830, 2.4734, 0.0149

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9830, 2.4734, 0.0149 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(83, 82, 88)` looks like.

```
.text, #text, p{  
    color:rgb(83, 82, 88)  
}
```

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(83, 82, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 82, 88) }
```

Border

The CSS property to change the border of an element to YUV 82.9830, 2.4734, 0.0149 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(83, 82, 88) }
```


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

```
.border{ border-color:rgb(83, 82, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 82, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 82, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 82, 88);  
box-shadow:4px 4px 4px 4px rgb(83, 82, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.9830, 2.4734, 0.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 82, 88) }
```

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

```
.background{ background-color: rgb(83, 82,  
88) }
```

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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