

Converting Colors

YUV(84.9430, -10.3249, -1.7040)

Have a look what the booklet for
YUV(84.9430, -10.3249, -1.7040)
contains.

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Color

**YUV(84.9430, -10.3249,
-1.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	535A40
RGB	83, 90, 64
RGB Percent	33%, 35%, 25%
CMY	0.6745, 0.6471, 0.7490
CMYK	0.08, 0.00, 0.29, 0.65
HSL	76°, 17%, 30%
HSV	76°, 29%, 35%
XYZ	8.1489, 9.5215, 6.2588
YIQ	84.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

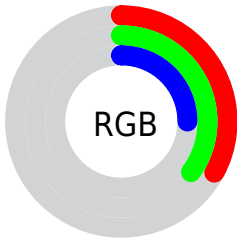
Format	Color
RYB	64, 90, 71
Decimal	5462592
CIELab	36.97, -7.84, 14.14
CIELCh	37, 16.170, 119.017
Yxy	9.5215, 0.3405, 0.3979
Android (android.graphics.Color)	4283652672 (0xFF535A40)
YUV	84.9430, -10.3249, -1.7040
Hunter-Lab	30.8569, -6.8604, 9.5738

Details

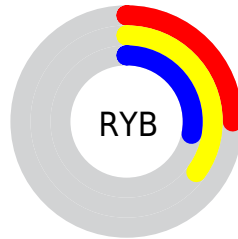
The YUV color **84.9430, -10.3249, -1.7040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **69.0570, 10.3249, 1.7040**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7150, -11.1985, -1.5041**, and **39.5840, -9.1619, -1.3892** is the 20% darker color. If you saturate the color by 10%, you get **83.3190, -13.9613, -2.0338**, and if you desaturate by 10%, it is **86.5670, -6.6885, -1.3743**.

Distribution



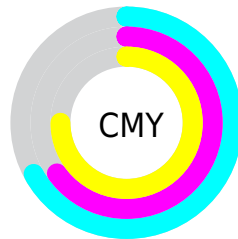
- Red (33%)
- Green (35%)
- Blue (25%)



- Red (25%)
- Yellow (35%)
- Blue (28%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9430, -10.3249, -1.7040 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 84.9430, -10.3249, -1.7040 by changing the saturation by 10% instead.

84.9430, -10.3249,
-1.7040

84.9430, -10.3249,
-1.7040

255.0000, 0.0000,
0.0000

62.0570, -9.8881,
-1.8040

134.7150,
-11.1985, -1.5041

39.5840, -9.1619,
-1.3892

160.6010,
-11.6353, -1.4041

19.1710, -9.4513,
-1.9040

188.1880,
-11.9247, -1.9189

0.0000, 0.0000,
0.0000

215.4870,
-12.0721, -1.3041

244.0740,
-12.3615, -1.8189

254.0880, -3.4944,

0.7998

■ 84.9430, -10.3249,
-1.7040

■ 84.9430, -10.3249,
-1.7040

■ 83.3190, -13.9613,
-2.0338

■ 86.5670, -6.6885,
-1.3743

■ 81.3960, -17.4502,
-2.9783

■ 88.4900, -3.1996,
-0.4297

■ 79.7720, -21.0866,
-3.3080

■ 90.1140, 0.4368,
-0.1000

■ 77.8490, -24.5756,
-4.2526

■ 92.0370, 3.9258,
0.8446

■ 76.2250, -28.2119,
-4.5823

■ 93.6610, 7.5621,
1.1743

■ 74.3020, -31.7009,
-5.5269

■ 95.5840, 11.0511,
2.1188

■ 72.6780, -35.3373,
-5.8566

■ 97.2080, 14.6875,
2.4486

■ 72.5640, -35.7741,
-5.7566

■ 98.8320, 18.3238,
2.7783

■ 100.7550, 21.8128,
3.7229

Harmonies

Analogous

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



86.4390, -12.5414, 9.2620



84.9430, -10.3249, -1.7040



83.2450, -5.0508, -13.3699

Triad

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



84.9430, -10.3249, -1.7040



82.5760, 13.0270, -25.0612



89.3060, -0.6439, 19.9026

Complementary

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



84.9430, -10.3249, -1.7040



69.0570, 10.3249, 1.7040

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.



89.2710, 5.7824, 12.0403



84.9430, -10.3249, -1.7040



85.4680, 13.5733, -13.5654

Square

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



84.9430, -10.3249, -1.7040



80.8160, 8.9647, -28.7796



88.1600, 10.7671, -0.1403



88.1230, -6.4696, 21.8171

Rectangle

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



84.9430, -10.3249, -1.7040



82.1670, -0.0823, -20.3175



88.1600, 10.7671, -0.1403



89.1640, 1.3981, 18.2732

Sweetspot

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



84.9430, -10.3249, -1.7040



114.9630, -3.9258, -0.8446



75.8830, -5.8583, 12.3806



57.6040, -2.7628, -0.5297



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.



84.9430, -10.3249, -1.7040



109.0370, -16.2872, -2.6634



81.0560, -8.4086, -9.6961



45.1310, -2.0366, -0.1149



88.4900, -43.6256, -7.4457



190.8460, -94.0871, -15.6509

Inverse Universe

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



69.0570, 10.3249, 1.7040



83.9630, 16.2872, 2.6634



72.9440, 8.4086, 9.6961



42.1680, 1.8892, 0.7297



21.5100, 43.6256, 7.4457



46.1540, 94.0871, 15.6509

Previews

White Background



This preview shows how the YUV color 84.9430, -10.3249, -1.7040 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 84.9430, -10.3249, -1.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

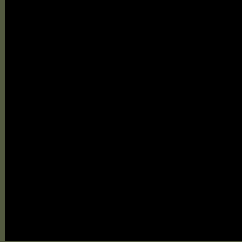
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9430, -10.3249, -1.7040

Background



This preview shows how black text looks on a background with the YUV color 84.9430, -10.3249, -1.7040.



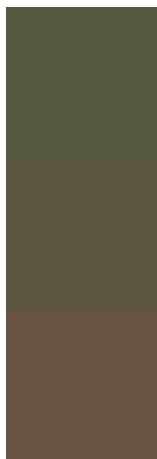
This preview shows how white text looks on a background with the YUV color 84.9430, -10.3249,

-1.7040.

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

84.9430, -10.3249, -1.7040

Protanopia

86.0580, -11.3676, 6.0881

Deuteranopia

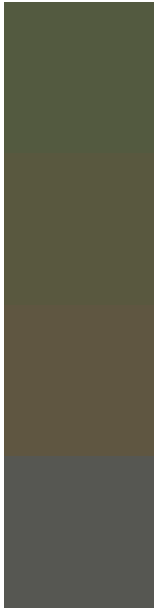
86.6290, -10.6631, 13.4804



Tritanopia

87.0970, 2.9102, -0.0851

Trichromacy



Original Color

84.9430, -10.3249, -1.7040

Protanomaly

85.4490, -11.0674, 3.1142

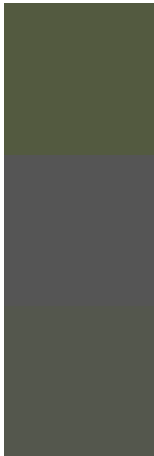
Deuteranomaly

86.2970, -10.4994, 7.6325

Tritanomaly

86.1310, -2.0366, -0.1149

Monochromacy



Original Color

84.9430, -10.3249, -1.7040

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9430, -10.3249, -1.7040 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, 90, 64)` looks like.

```
.text, #text, p{  
    color:rgb(83, 90, 64)  
}
```

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, 90, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 90, 64) }
```

Border

The CSS property to change the border of an element to YUV 84.9430, -10.3249, -1.7040 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, 90, 64) }
```


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

```
.border{ border-color:rgb(83, 90, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 90, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 90, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 90, 64);  
box-shadow:4px 4px 4px 4px rgb(83, 90, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.9430, -10.3249, -1.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 90, 64) }
```

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

```
.background{ background-color: rgb(83, 90,  
64) }
```

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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