

Converting Colors

YUV(84.2430, -11.9518, 6.8029)

Have a look what the booklet for
YUV(84.2430, -11.9518, 6.8029)
contains.

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Color

**YUV(84.2430, -11.9518,
6.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	5C553C
RGB	92, 85, 60
RGB Percent	36%, 33%, 24%
CMY	0.6392, 0.6667, 0.7647
CMYK	0.00, 0.08, 0.35, 0.64
HSL	47°, 21%, 30%
HSV	47°, 35%, 36%
XYZ	8.4777, 9.0986, 5.5843
YIQ	84.2430, 12.1970, -6.2910

Conversions

Conversions Part 2

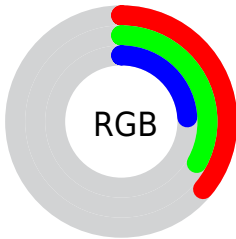
Format	Color
RYB	69, 92, 60
Decimal	6051132
CIELab	36.17, -1.48, 15.65
CIELCh	36, 15.717, 95.421
Yxy	9.0986, 0.3660, 0.3928
Android (android.graphics.Color)	4284241212 (0xFF5C553C)
YUV	84.2430, -11.9518, 6.8029
Hunter-Lab	30.1638, -2.6180, 10.1381

Details

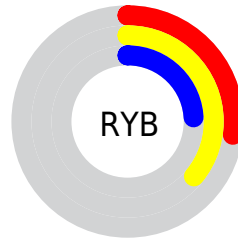
The YUV color **84.2430, -11.9518, 6.8029** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.7570, 11.9518, -6.8029**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3140, -12.9728, 7.6176**, and **38.8730, -10.7834, 5.3734** is the 20% darker color. If you saturate the color by 10%, you get **82.0430, -15.3042, 8.7323**, and if you desaturate by 10%, it is **86.4430, -8.5994, 4.8735**.

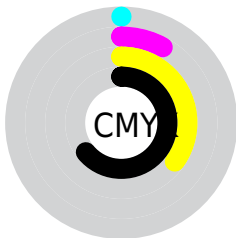
Distribution



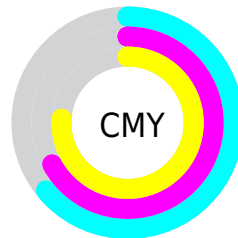
- Red (36%)
- Green (33%)
- Blue (24%)



- Red (27%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2430, -11.9518, 6.8029 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 84.2430, -11.9518, 6.8029 by changing the saturation by 10% instead.

84.2430, -11.9518,
6.8029

84.2430, -11.9518,
6.8029

255.0000, 0.0000,
0.0000

61.0580, -11.3676,
6.0881

134.3140,
-12.9728, 7.6176

38.8730, -10.7834,
5.3734

160.2000,
-13.4096, 7.7176

18.9160, -9.3256,
4.4587

187.3850,
-13.9938, 8.4324

0.0000, 0.0000,
0.0000

214.6840,
-14.1412, 9.0471

243.5700,
-14.5780, 9.1471

253.5180, -5.6784,

1.2997

■ 84.2430, -11.9518,
6.8029

■ 84.2430, -11.9518,
6.8029

■ 82.0430, -15.3042,
8.7323

■ 86.4430, -8.5994,
4.8735

■ 79.8430, -18.6566,
10.6617

■ 88.6430, -5.2470,
2.9441

■ 77.5290, -22.4458,
12.6911

■ 90.9570, -1.4578,
0.9147

■ 75.3290, -25.7982,
14.6205

■ 93.1570, 1.8946,
-1.0147

■ 73.1290, -29.1506,
16.5499

■ 95.3570, 5.2470,
-2.9441

■ 70.9290, -32.5030,
18.4793

■ 97.5570, 8.5994,
-4.8735

■ 69.7720, -34.3976,
19.4940

■ 99.7570, 11.9518,
-6.8029

■ 102.0710, 15.7410,
-8.8323

■ 104.2710, 19.0934,
-10.7617

Harmonies

Analogous

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



85.5260, -11.1053, 15.3247



84.2430, -11.9518, 6.8029



82.8610, -9.2985, -4.2631

Triad

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



84.2430, -11.9518, 6.8029



79.6420, 9.5435, -27.7500



86.9400, 4.4666, 14.0846

Complementary

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



84.2430, -11.9518, 6.8029



67.7570, 11.9518, -6.8029

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.



86.5410, 9.5933, 3.0335



84.2430, -11.9518, 6.8029



81.2990, 13.1636, -22.1872

Square

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



84.2430, -11.9518, 6.8029



79.4700, 3.7123, -24.0912



84.2620, 12.6888, -9.8768



86.9640, -1.9543, 20.2026

Rectangle

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



84.2430, -11.9518, 6.8029



81.7290, -5.7824, -12.0403



84.2620, 12.6888, -9.8768



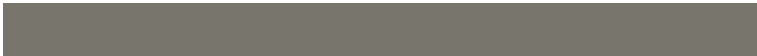
86.7870, 6.5140, 10.7108

Sweetspot

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



84.2430, -11.9518, 6.8029



116.8710, -4.3734, 2.7441



70.3660, -1.6594, 18.9730



59.6150, -2.7682, 1.2146



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



84.2430, -11.9518, 6.8029



107.8430, -18.6566, 10.6617



85.6610, -12.6509, -2.3337



44.8430, -1.8946, 1.0147



83.3720, -41.1024, 23.3528



179.4580, -88.4728, 50.4643

Inverse Universe

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



67.7570, 11.9518, -6.8029



82.1570, 18.6566, -10.6617



66.3390, 12.6509, 2.3337



42.1570, 1.8946, -1.0147



26.6280, 41.1024, -23.3528



57.5420, 88.4728, -50.4643

Previews

White Background



This preview shows how the YUV color 84.2430, -11.9518, 6.8029 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 84.2430, -11.9518, 6.8029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

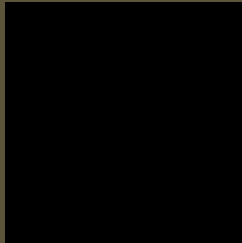
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2430, -11.9518, 6.8029

Background



This preview shows how black text looks on a background with the YUV color 84.2430, -11.9518, 6.8029.

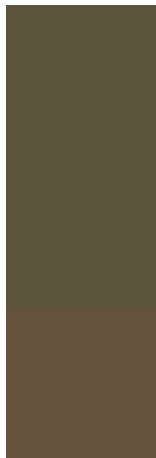


This preview shows how white text looks on a background with the YUV color 84.2430, -11.9518,

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

84.2430, -11.9518, 6.8029

Protanopia

84.2430, -11.9518, 6.8029

Deuteranopia

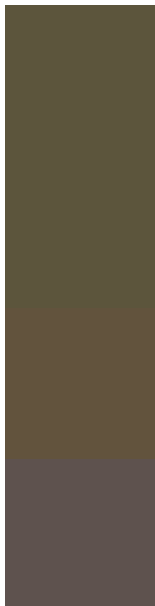
85.2870, -11.9735, 13.7803



Tritanopia

85.9840, 0.9939, 7.9070

Trichromacy



Original Color

84.2430, -11.9518, 6.8029

Protanomaly

84.2430, -11.9518, 6.8029

Deuteranomaly

84.9770, -11.8207, 11.4212

Tritanomaly

85.1320, -3.5161, 7.7772

Monochromacy



Original Color

84.2430, -11.9518, 6.8029

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2430, -11.9518, 6.8029 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(92, 85, 60)` looks like.

```
.text, #text, p{  
    color:rgb(92, 85, 60)  
}
```

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(92, 85, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 85, 60) }
```

Border

The CSS property to change the border of an element to YUV 84.2430, -11.9518, 6.8029 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(92, 85, 60) }
```


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

```
.border{ border-color:rgb(92, 85, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 85, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 85, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 85, 60);  
box-shadow:4px 4px 4px 4px rgb(92, 85, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2430, -11.9518, 6.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 85, 60) }
```

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

```
.background{ background-color: rgb(92, 85,  
60) }
```

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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