

Converting Colors

YUV(84.2670, -18.3726,
12.9208)

Have a look what the booklet for
YUV(84.2670, -18.3726, 12.9208)
contains.

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Color

**YUV(84.2670, -18.3726,
12.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	63542F
RGB	99, 84, 47
RGB Percent	39%, 33%, 18%
CMY	0.6118, 0.6706, 0.8157
CMYK	0.00, 0.15, 0.53, 0.61
HSL	43°, 36%, 29%
HSV	43°, 53%, 39%
XYZ	8.8290, 9.1985, 3.9995
YIQ	84.2670, 20.8170, -8.3270

Conversions

Conversions Part 2

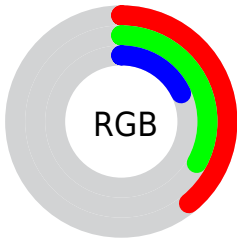
Format	Color
RYB	68, 99, 47
Decimal	6509615
CIELab	36.36, 0.74, 23.80
CIELCh	36, 23.811, 88.223
Yxy	9.1985, 0.4008, 0.4176
Android (android.graphics.Color)	4284699695 (0xFF63542F)
YUV	84.2670, -18.3726, 12.9208
Hunter-Lab	30.3291, -1.1133, 13.4118

Details

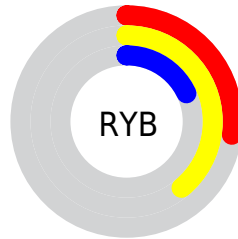
The YUV color **84.2670, -18.3726, 12.9208** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.7330, 18.3726, -12.9208**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9360, -19.6884, 14.9651**, and **38.1420, -18.8040, 11.2765** is the 20% darker color. If you saturate the color by 10%, you get **81.3660, -21.8724, 15.4650**, and if you desaturate by 10%, it is **87.1680, -14.8728, 10.3767**.

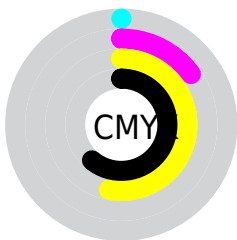
Distribution



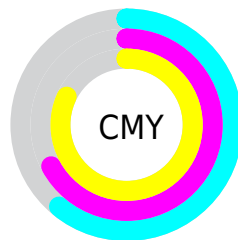
- Red (39%)
- Green (33%)
- Blue (18%)



- Red (27%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (61%)



- Cyan (61%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2670, -18.3726, 12.9208 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 84.2670, -18.3726, 12.9208 by changing the saturation by 10% instead.

84.2670, -18.3726,
12.9208

84.2670, -18.3726,
12.9208

255.0000, 0.0000,
0.0000

60.7830, -17.6410,
11.5913

133.9360,
-19.6884, 14.9651

38.1420, -18.8040,
11.2765

160.1210,
-20.2727, 15.6799

19.5250, -9.6258,
7.4326

187.3060,
-20.8569, 16.3946

0.0000, 0.0000,
0.0000

215.3770,
-21.8779, 17.2094

240.9850,
-20.6986, 12.2912

251.8080,

-12.2303, 2.7994

■ 84.2670, -18.3726,
12.9208

■ 84.2670, -18.3726,
12.9208

■ 81.3660, -21.8724,
15.4650

■ 87.1680, -14.8728,
10.3767

■ 78.4650, -25.3722,
18.0092

■ 90.0690, -11.3730,
7.8325

■ 75.5640, -28.8721,
20.5534

■ 92.9700, -7.8732,
5.2883

■ 73.2500, -32.6613,
22.5828

■ 95.2840, -4.0840,
3.2589

■ 70.6910, -34.8507,
24.8270

■ 98.1850, -0.5842,
0.7148

■ 100.9720, 2.4788,
-1.7294

■ 103.8730, 5.9786,
-4.2736

■ 106.7740, 9.4784,
-6.8178

■ 109.6750, 12.9782,
-9.3620

Harmonies

Analogous

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



85.4410, -15.5004, 25.0462



84.2670, -18.3726, 12.9208



82.2650, -15.4136, -2.8634

Triad

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



84.2670, -18.3726, 12.9208



67.5070, 17.4980, -59.2036



87.8140, 8.9657, 17.7031

Complementary

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



84.2670, -18.3726, 12.9208



61.7330, 18.3726, -12.9208

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.



86.8270, 15.8613, -0.7253



84.2670, -18.3726, 12.9208



73.1260, 22.1229, -49.2225

Square

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



84.2670, -18.3726, 12.9208



74.8980, 4.4873, -39.3755



82.1230, 20.1524, -23.7869



87.7740, -0.3816, 29.1392

Rectangle

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



84.2670, -18.3726, 12.9208



80.7520, -10.7237, -13.8145



82.1230, 20.1524, -23.7869



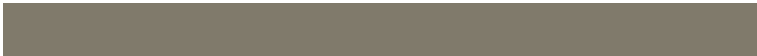
87.7640, 11.4553, 12.4850

Sweetspot

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



84.2670, -18.3726, 12.9208



122.0840, -7.4364, 5.1883



64.3720, -0.6764, 30.3688



60.2840, -4.0840, 3.2589



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.2670, -18.3726, 12.9208



104.6780, -28.4353, 20.4534



90.0820, -21.2394, -0.9489



46.9570, -1.4578, 0.9147



80.4480, -39.6609, 27.6711



172.1370, -84.8635, 59.5159

Inverse Universe

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



61.7330, 18.3726, -12.9208



69.7350, 28.7246, -19.9386



55.9180, 21.2394, 0.9489



45.0430, 1.4578, -0.9147



31.5520, 39.6609, -27.6711



67.8630, 84.8635, -59.5159

Previews

White Background



This preview shows how the YUV color 84.2670, -18.3726, 12.9208 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 84.2670, -18.3726, 12.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

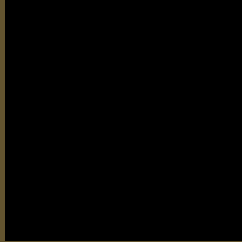
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2670, -18.3726, 12.9208

Background



This preview shows how black text looks on a background with the YUV color 84.2670, -18.3726, 12.9208.



This preview shows how white text looks on a background with the YUV color 84.2670, -18.3726,

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

84.2670, -18.3726, 12.9208

Protanopia

84.0600, -17.7776, 8.7174

Deuteranopia

85.0010, -18.2415, 17.5391



Tritanopia

87.5610, -0.7696, 13.5400

Trichromacy



Original Color

84.2670, -18.3726, 12.9208

Protanomaly

84.0710, -17.7830, 10.4617

Deuteranomaly

84.9900, -18.2361, 15.7948

Tritanomaly

86.2530, -7.0267, 13.8101

Monochromacy



Original Color

84.2670, -18.3726, 12.9208

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2670, -18.3726, 12.9208 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(99, 84, 47)` looks like.

```
.text, #text, p{  
    color:rgb(99, 84, 47)  
}
```

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(99, 84, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 84, 47) }
```

Border

The CSS property to change the border of an element to YUV 84.2670, -18.3726, 12.9208 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(99, 84, 47) }
```


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

```
.border{ border-color:rgb(99, 84, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 84, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 84, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 84, 47);  
box-shadow:4px 4px 4px 4px rgb(99, 84, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2670, -18.3726, 12.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 84, 47) }
```

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

```
.background{ background-color: rgb(99, 84,  
47) }
```

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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