

Converting Colors

YUV(84.9670, -33.5077,
14.0609)

Have a look what the booklet for
YUV(84.9670, -33.5077, 14.0609)
contains.

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Color

**YUV(84.9670, -33.5077,
14.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	655A11
RGB	101, 90, 17
RGB Percent	40%, 35%, 7%
CMY	0.6039, 0.6471, 0.9333
CMYK	0.00, 0.11, 0.83, 0.60
HSL	52°, 71%, 23%
HSV	52°, 83%, 40%
XYZ	9.1242, 10.1195, 2.0027
YIQ	84.9670, 29.9890, -20.3710

Conversions

Conversions Part 2

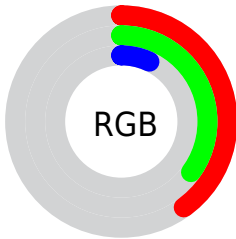
Format	Color
R_{YB}	30, 101, 17
Decimal	6642193
CIE _{Lab}	38.06, -4.06, 40.41
CIE _{LCh}	38, 40.610, 95.738
Yxy	10.1195, 0.4294, 0.4763
Android (android.graphics.Color)	4284832273 (0xFF655A11)
YUV	84.9670, -33.5077, 14.0609
Hunter-Lab	31.8112, -4.4716, 18.5352

Details

The YUV color **84.9670, -33.5077, 14.0609** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33.0330, 33.5077, -14.0609**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1630, -34.0974, 16.5200**, and **41.6640, -20.5404, 8.1877** is the 20% darker color. If you saturate the color by 10%, you get **83.2400, -37.5863, 15.5755**, and if you desaturate by 10%, it is **86.6940, -29.4291, 12.5464**.

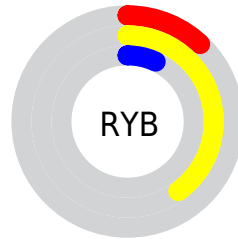
Distribution



Red (40%)

Green (35%)

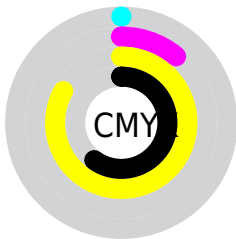
Blue (7%)



Red (12%)

Yellow (40%)

Blue (7%)

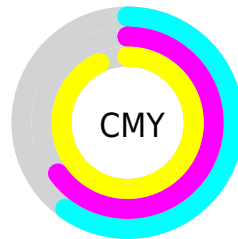


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (60%)



Cyan (60%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9670, -33.5077, 14.0609 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 84.9670, -33.5077, 14.0609 by changing the saturation by 10% instead.

■ 84.9670, -33.5077,
14.0609

■ 84.9670, -33.5077,
14.0609

■ 255.0000, 0.0000,
0.0000

■ 61.7540, -30.4447,
11.6167

■ 136.1630,
-34.0974, 16.5200

■ 41.6640, -20.5404,
8.1877

■ 162.3480,
-34.6816, 17.2348

■ 22.4490, -11.0674,
3.1142

■ 189.7180,
-35.8500, 18.6643

■ 0.0000, 0.0000,
0.0000

■ 217.7890,
-36.8710, 19.4790

■ 241.7880,
-35.3915, 11.5869

■ 248.5020,

-24.8975, 5.6987

■ 251.6940,
-12.6671, 2.8994

■ 84.9670, -33.5077,
14.0609

■ 84.9670, -33.5077,
14.0609

■ 83.2400, -37.5863,
15.5755

■ 86.6940, -29.4291,
12.5464

■ 81.8550, -40.3545,
16.7902

■ 89.0080, -25.6399,
10.5170

■ 90.7350, -21.5614,
9.0024

■ 92.4620, -17.4828,
7.4878

■ 94.8900, -13.2568,
5.3585

■ 96.6170, -9.1782,
3.8439

■ 98.3440, -5.0996,
2.3293

■ 100.6580, -1.3104,
0.2999

■ 102.3850, 2.7682,
-1.2146

Harmonies

Analogous

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



87.2500, -29.2102, 35.7377



84.9670, -33.5077, 14.0609



81.7940, -24.5484, -12.9743

Triad

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



84.9670, -33.5077, 14.0609



76.1130, 25.0873, -66.7511



91.5590, 12.5424, 37.2208

Complementary

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



84.9670, -33.5077, 14.0609



33.0330, 33.5077, -14.0609

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.



91.6890, 25.2963, 6.4117



84.9670, -33.5077, 14.0609



75.6860, 36.1438, -66.3766

Square

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



84.9670, -33.5077, 14.0609



72.4650, 11.1098, -63.5518



79.1600, 37.3891, -45.7443



88.8740, -1.9099, 52.7305

Rectangle

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



84.9670, -33.5077, 14.0609



75.8540, -12.2530, -36.7060



79.1600, 37.3891, -45.7443



92.3560, 17.0795, 28.6288

Sweetspot

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



84.9670, -33.5077, 14.0609



124.0040, -12.8200, 5.2585



43.3700, -7.5774, 50.5415



62.5460, -8.1572, 3.0292



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



84.9670, -33.5077, 14.0609



105.2010, -51.8641, 21.7487



82.1550, -32.1214, -10.6599



49.8430, -1.8946, 1.0147



93.0850, -45.8909, 19.2195



196.2150, -96.7340, 40.1534

Inverse Universe

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



33.0330, 33.5077, -14.0609



24.7990, 51.8641, -21.7487



35.8450, 32.1214, 10.6599



47.1570, 1.8946, -1.0147



21.9150, 45.8909, -19.2195



46.3720, 96.4446, -40.6682

Previews

White Background



This preview shows how the YUV color 84.9670, -33.5077, 14.0609 looks on a white background.

Color Contrast Check

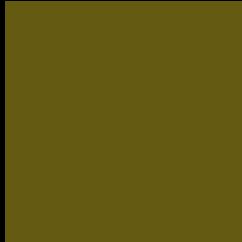
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.9670, -33.5077, 14.0609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

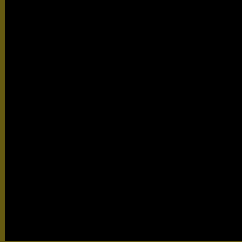
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9670, -33.5077, 14.0609

Background



This preview shows how black text looks on a background with the YUV color 84.9670, -33.5077, 14.0609.



This preview shows how white text looks on a background with the YUV color 84.9670, -33.5077,

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

84.9670, -33.5077, 14.0609

Protanopia

84.9670, -33.5077, 14.0609

Deuteranopia

85.9620, -32.5193, 23.7123



Tritanopia

91.2620, -0.6222, 12.9252

Trichromacy



Original Color

84.9670, -33.5077, 14.0609

Protanomaly

84.9670, -33.5077, 14.0609

Deuteranomaly

85.8260, -32.9452, 20.3236

Tritanomaly

88.7600, -12.6997, 13.3655

Monochromacy



Original Color

84.9670, -33.5077, 14.0609

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1180, -12.3832, 5.1585

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9670, -33.5077, 14.0609 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(101, 90, 17)` looks like.

```
.text, #text, p{  
    color:rgb(101, 90, 17)  
}
```

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(101, 90, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 90, 17) }
```

Border

The CSS property to change the border of an element to YUV 84.9670, -33.5077, 14.0609 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(101, 90, 17) }
```


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

```
.border{ border-color:rgb(101, 90, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 90, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 90, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 90, 17);  
box-shadow:4px 4px 4px 4px rgb(101, 90,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 84.9670, -33.5077, 14.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 90, 17) }
```

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

```
.background{ background-color: rgb(101, 90,  
17) }
```

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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