

Converting Colors

YUV(115.6770, -14.1378,
-85.6627)

Have a look what the booklet for
YUV(115.6770, -14.1378, -85.6627)
contains.

YUV(115.6770, -14.1378, -85.6627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(115.6770, -14.1378,
-85.6627)**

Conversions

Conversions Part 1

Format	Color
Hex	12AB57
RGB	18, 171, 87
RGB Percent	7%, 67%, 34%
CMY	0.9294, 0.3294, 0.6588
CMYK	0.89, 0.00, 0.49, 0.33
HSL	147°, 81%, 37%
HSV	147°, 89%, 67%
XYZ	16.5327, 29.9425, 13.9250
YIQ	115.6770, -64.2240, -58.5600

Conversions

Conversions Part 2

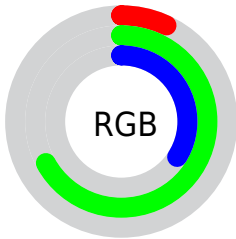
Format	Color
RYB	18, 123, 171
Decimal	1223511
CIELab	61.60, -55.40, 33.04
CIElCh	62, 64.498, 149.189
Yxy	29.9425, 0.2737, 0.4957
Android (android.graphics.Color)	4279413591 (0xFF12AB57)
YUV	115.6770, -14.1378, -85.6627
Hunter-Lab	54.7198, -41.8288, 23.2159

Details

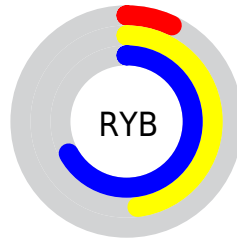
The YUV color **115.6770, -14.1378, -85.6627** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **73.3230, 14.1378, 85.6627**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2720, -19.8541, -72.1525**, and **73.1250, -16.8236, -64.1306** is the 20% darker color. If you saturate the color by 10%, you get **109.5680, -15.5630, -95.2141**, and if you desaturate by 10%, it is **121.7860, -12.7125, -76.1113**.

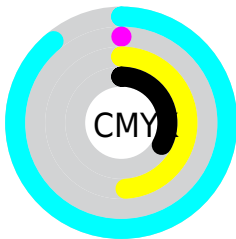
Distribution



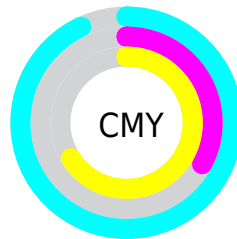
- Red (7%)
- Green (67%)
- Blue (34%)



- Red (7%)
- Yellow (48%)
- Blue (67%)



- Cyan (89%)
- Magenta (0%)
- Yellow (49%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6770, -14.1378, -85.6627 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 115.6770, -14.1378, -85.6627 by changing the saturation by 10% instead.

■ 115.6770,
-14.1378, -85.6627

■ 115.6770,
-14.1378, -85.6627

■ 255.0000, 0.0000,
0.0000

■ 91.7100, -14.1540,
-80.4297

■ 178.2720,
-19.8541, -72.1525

■ 73.1250, -16.8236,
-64.1306

■ 206.4680,
-20.4437, -69.6934

■ 55.0130, -20.2194,
-48.2464

■ 218.2170,
-12.9250, -54.5643

■ 38.7420, -19.0998,
-33.9767

■ 230.4930, -4.6800,
-39.0204

■ 25.8280, -12.7332,
-22.6512

■ 242.6550, 3.1281,
-23.3764

■ 6.4570, -3.1833,
-5.6628

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 115.6770,
-14.1378, -85.6627

■ 115.6770,
-14.1378, -85.6627

■ 109.5680,
-15.5630, -95.2141

■ 121.7860,
-12.7125, -76.1113

■ 109.1550,
-15.8524, -95.7289

■ 128.0090,
-10.8504, -66.6599

■ 134.1180, -9.4252,
-57.1085

■ 140.3410, -7.5631,
-47.6571

■ 146.4500, -6.1378,
-38.1056

■ 152.8580, -4.8600,
-27.9395

■ 159.0810, -2.9979,
-18.4880

■ 165.1900, -1.5727,
-8.9366

■ 171.2990, -0.1474,
0.6148

Harmonies

Analogous

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



135.6760, -49.1403, -11.9939



115.6770, -14.1378, -85.6627



119.2550, 12.6923, -104.5866

Triad

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



115.6770, -14.1378, -85.6627



120.6420, 66.2385, -105.8030



143.9100, -23.1266, 91.2869

Complementary

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



115.6770, -14.1378, -85.6627



73.3230, 14.1378, 85.6627

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.



145.5980, 3.6492, 89.8066



115.6770, -14.1378, -85.6627



150.3990, 48.6103, -4.7349

Square

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



115.6770, -14.1378, -85.6627



127.2470, 58.5452, -111.5956



151.6920, 27.7598, 56.3981



144.0510, -47.3531, 68.3613

Rectangle

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



115.6770, -14.1378, -85.6627



124.4020, 29.8748, -109.1006



151.6920, 27.7598, 56.3981



143.9240, -14.2595, 93.9057

Sweetspot

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



115.6770, -14.1378, -85.6627



200.2980, -5.5699, -33.5873



132.9270, -56.6590, -27.1230



98.9560, -3.4293, -20.1324



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.6770, -14.1378, -85.6627



141.7140, -20.5650, -124.2832



124.3410, 19.0589, -93.2611



83.7390, -0.8573, -5.0331



95.8020, -13.7064, -84.0184



14.6410, -2.2880, -12.8402

Inverse Universe

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



73.3230, 14.1378, 85.6627



80.2860, 20.5650, 124.2832



64.6590, -19.0589, 93.2611



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 115.6770, -14.1378, -85.6627 looks on a white 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

Black Background



This preview shows how the YUV color 115.6770, -14.1378, -85.6627 looks on a black 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

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

YUV 115.6770, -14.1378, -85.6627 Background



This preview shows how black text looks on a background with the YUV color 115.6770, -14.1378, -85.6627.



This preview shows how white text looks on a background with the YUV color 115.6770, -14.1378, -85.6627.

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

115.6770, -14.1378, -85.6627

Protanopia

144.6190, -32.3502, 16.1201

Deuteranopia

146.7050, -25.9836, 27.4457



Tritanopia

134.3760, 19.5346, -59.0888

Trichromacy



Original Color

115.6770, -14.1378, -85.6627



Protanomaly

133.8100, -25.5423, -20.8814



Deuteranomaly

135.4780, -21.9277, -13.5742



Tritanomaly

127.6940, 7.0529, -69.0146

Monochromacy



Original Color

115.6770, -14.1378, -85.6627



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.7220, -5.2859, -31.3282

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6770, -14.1378, -85.6627 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(18, 171, 87)` looks like.

```
.text, #text, p{  
    color:rgb(18, 171, 87)  
}
```

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(18, 171, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 171, 87) }
```

Border

The CSS property to change the border of an element to YUV 115.6770, -14.1378, -85.6627 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(18, 171, 87) }
```


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

```
.border{ border-color:rgb(18, 171, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 171, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 171, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 171, 87);  
box-shadow:4px 4px 4px 4px rgb(18, 171,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 115.6770, -14.1378, -85.6627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 171, 87) }
```

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

```
.background{ background-color: rgb(18, 171,  
87) }
```

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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