

Converting Colors

YUV(84.0870, -15.8189,
-59.7123)

Have a look what the booklet for
YUV(84.0870, -15.8189, -59.7123)
contains.

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Color

**YUV(84.0870, -15.8189,
-59.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	107D34
RGB	16, 125, 52
RGB Percent	6%, 49%, 20%
CMY	0.9373, 0.5098, 0.7961
CMYK	0.87, 0.00, 0.58, 0.51
HSL	140°, 77%, 28%
HSV	140°, 87%, 49%
XYZ	8.1671, 15.0253, 5.7185
YIQ	84.0870, -41.5310, -45.8110

Conversions

Conversions Part 2

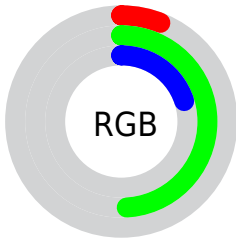
Format	Color
R_{YB}	16, 98, 125
Decimal	1080628
CIE _{Lab}	45.67, -45.18, 31.43
CIE _{LCh}	46, 55.032, 145.175
Yxy	15.0253, 0.2825, 0.5197
Android (android.graphics.Color)	4279270708 (0xFF107D34)
YUV	84.0870, -15.8189, -59.7123
Hunter-Lab	38.7625, -30.2250, 18.3869

Details

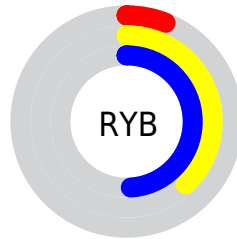
The YUV color **84.0870, -15.8189, -59.7123** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **56.9130, 15.8189, 59.7123**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4040, -19.9192, -51.2203**, and **44.3670, -20.3939, -38.9099** is the 20% darker color. If you saturate the color by 10%, you get **79.5870, -17.5444, -66.2898**, and if you desaturate by 10%, it is **88.5870, -14.0934, -53.1348**.

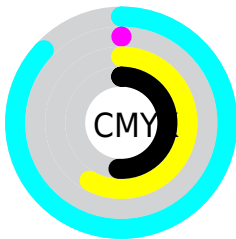
Distribution



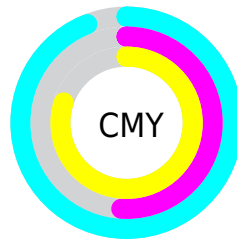
- Red (6%)
- Green (49%)
- Blue (20%)



- Red (6%)
- Yellow (38%)
- Blue (49%)



- Cyan (87%)
- Magenta (0%)
- Yellow (58%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0870, -15.8189, -59.7123 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 84.0870, -15.8189, -59.7123 by changing the saturation by 10% instead.

■ 84.0870, -15.8189,
-59.7123

■ 84.0870, -15.8189,
-59.7123

255.0000, 0.0000,
0.0000

■ 61.3050, -16.4194,
-53.7645

■ 141.4040,
-19.9192, -51.2203

■ 44.3670, -20.3939,
-38.9099

■ 169.0620,
-21.2296, -50.9204

■ 29.9370, -14.7589,
-26.2547

■ 196.9480,
-21.6664, -50.8204

■ 16.4360, -8.1029,
-14.4144

■ 220.4370,
-19.9354, -45.9872

■ 0.0000, 0.0000,
0.0000

■ 231.8870,
-12.2693, -31.4729

■ 243.8640, -3.8770,

-16.5437

■ 84.0870, -15.8189,
-59.7123

■ 84.0870, -15.8189,
-59.7123

■ 79.5870, -17.5444,
-66.2898

■ 88.5870, -14.0934,
-53.1348

■ 78.0490, -18.2652,
-68.4490

■ 93.5000, -12.0785,
-46.0425

■ 98.0000, -10.3530,
-39.4650

■ 102.7990, -8.7749,
-32.2727

■ 107.4130, -6.6126,
-25.7952

■ 112.2120, -5.0345,
-18.6029

■ 116.8260, -2.8722,
-12.1254

■ 121.6250, -1.2941,
-4.9331

■ 126.4240, 0.2840,
2.2592

Harmonies

Analogous

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



96.6430, -45.6730, -4.0719



84.0870, -15.8189, -59.7123



87.0090, 5.9116, -76.3069

Triad

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



84.0870, -15.8189, -59.7123



90.8920, 53.7902, -79.7123



102.5750, -15.0735, 74.9177

Complementary

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



84.0870, -15.8189, -59.7123



56.9130, 15.8189, 59.7123

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.



104.8730, 6.4716, 71.1484



84.0870, -15.8189, -59.7123



107.5090, 41.6541, -13.6014

Square

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



84.0870, -15.8189, -59.7123



94.2370, 43.7602, -82.6458



110.1970, 25.0459, 40.1692



103.6720, -35.8273, 58.1697

Rectangle

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



84.0870, -15.8189, -59.7123



90.6570, 19.8891, -79.5062



110.1970, 25.0459, 40.1692



102.5350, -7.6588, 76.7068

Sweetspot

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



84.0870, -15.8189, -59.7123



147.2500, -6.0393, -23.0212



102.1090, -42.4517, -10.6196



72.2880, -3.5930, -14.2846



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.0870, -15.8189, -59.7123



101.8370, -23.5836, -89.3110



90.1290, 7.3314, -65.0111



61.3370, -1.1521, -3.8035



79.9240, -18.6965, -70.0933



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.9130, 15.8189, 59.7123



61.1630, 23.5836, 89.3110



50.8710, -7.3314, 65.0111



59.6630, 1.1521, 3.8035



47.9620, 18.2597, 70.1933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.0870, -15.8189, -59.7123 looks on a white background.

Color Contrast Check

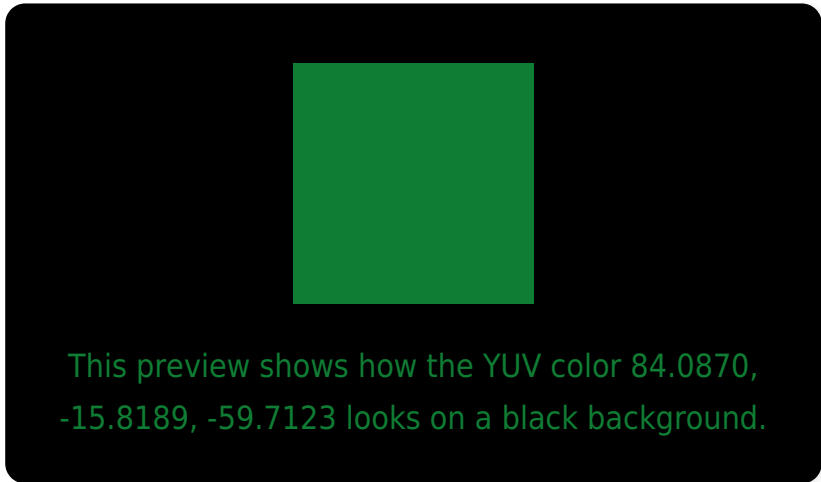
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 84.0870, -15.8189, -59.7123

Background



This preview shows how black text looks on a background with the YUV color 84.0870, -15.8189, -59.7123.



This preview shows how white text looks on a background with the YUV color 84.0870, -15.8189, -59.7123.

-59.7123.

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

84.0870, -15.8189, -59.7123

Protanopia

104.6340, -28.4136, 13.4760

Deuteranopia

106.5410, -23.9307, 22.3275



Tritanopia

98.4060, 14.0968, -41.5751

Trichromacy



Original Color

84.0870, -15.8189, -59.7123



Protanomaly

97.0220, -23.6748, -13.1743



Deuteranomaly

98.4510, -20.9283, -7.4115



Tritanomaly

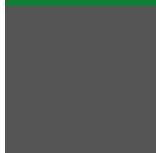
93.2020, 3.3514, -48.4122

Monochromacy



Original Color

84.0870, -15.8189, -59.7123



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.9620, -5.8973, -21.8917

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0870, -15.8189, -59.7123 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(16, 125, 52)` looks like.

```
.text, #text, p{  
    color:rgb(16, 125, 52)  
}
```

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(16, 125, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 125, 52) }
```

Border

The CSS property to change the border of an element to YUV 84.0870, -15.8189, -59.7123 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(16, 125, 52) }
```


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

```
.border{ border-color:rgb(16, 125, 52) }
```

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

Here you see how a box with a 4 pixel rgb(16, 125, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 125, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 125, 52);  
box-shadow:4px 4px 4px 4px rgb(16, 125,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 84.0870, -15.8189, -59.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 125, 52) }
```

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

```
.background{ background-color: rgb(16, 125,  
52) }
```

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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