

Converting Colors

YUV(84.7170, -11.1995,
-47.9868)

Have a look what the booklet for
YUV(84.7170, -11.1995, -47.9868)
contains.

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Color

**YUV(84.7170, -11.1995,
-47.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	1E753E
RGB	30, 117, 62
RGB Percent	12%, 46%, 24%
CMY	0.8824, 0.5412, 0.7569
CMYK	0.74, 0.00, 0.47, 0.54
HSL	142°, 59%, 29%
HSV	142°, 74%, 46%
XYZ	7.7662, 13.3464, 6.7242
YIQ	84.7170, -34.1970, -35.5490

Conversions

Conversions Part 2

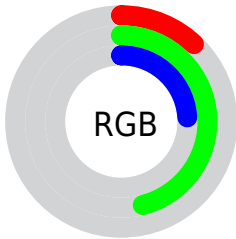
Format	Color
R_{YB}	30, 94, 117
Decimal	1996094
CIE _{Lab}	43.28, -38.55, 23.15
CIE _{LCh}	43, 44.971, 149.012
Yxy	13.3464, 0.2790, 0.4795
Android (android.graphics.Color)	4280186174 (0xFF1E753E)
YUV	84.7170, -11.1995, -47.9868
Hunter-Lab	36.5327, -25.9863, 14.6600

Details

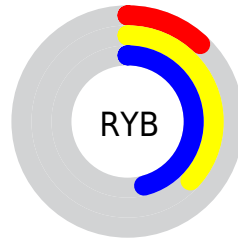
The YUV color **84.7170, -11.1995, -47.9868** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **62.2830, 11.1995, 47.9868**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6420, -14.1205, -44.4130**, and **41.2670, -11.9636, -36.1912** is the 20% darker color. If you saturate the color by 10%, you get **80.3310, -12.4882, -54.6643**, and if you desaturate by 10%, it is **89.1030, -9.9108, -41.3093**.

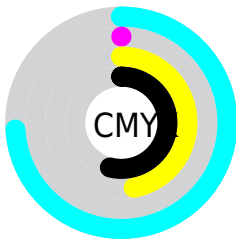
Distribution



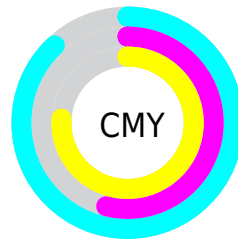
- Red (12%)
- Green (46%)
- Blue (24%)



- Red (12%)
- Yellow (37%)
- Blue (46%)



- Cyan (74%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)



- Cyan (88%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7170, -11.1995, -47.9868 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 84.7170, -11.1995, -47.9868 by changing the saturation by 10% instead.

■ 84.7170, -11.1995,
-47.9868

■ 84.7170, -11.1995,
-47.9868

255.0000, 0.0000,
0.0000

■ 58.4500, -9.5888,
-51.2606

■ 138.6420,
-14.1205, -44.4130

■ 41.2670, -11.9636,
-36.1912

■ 166.1150,
-14.8467, -44.8279

■ 26.4150, -13.0226,
-23.1660

■ 193.5880,
-15.5729, -45.2427

■ 11.7400, -5.7878,
-10.2960

■ 222.1750,
-15.8623, -45.7575

■ 0.0000, 0.0000,
0.0000

■ 233.7390, -7.7593,
-31.3431

■ 245.6020, 0.1962,

-16.3140

■ 84.7170, -11.1995,
-47.9868

■ 84.7170, -11.1995,
-47.9868

■ 80.3310, -12.4882,
-54.6643

■ 89.1030, -9.9108,
-41.3093

■ 76.1300, -14.3611,
-60.6270

■ 93.3040, -8.0379,
-35.3466

■ 73.5810, -15.0764,
-64.5305

■ 97.6900, -6.7492,
-28.6691

■ 102.1900, -5.0237,
-22.0916

■ 106.5760, -3.7350,
-15.4142

■ 110.6630, -2.2989,
-9.3515

■ 115.1630, -0.5734,
-2.7740

■ 119.5490, 0.7153,
3.9035

■ 123.7500, 2.5882,
9.8663

Harmonies

Analogous

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



94.4050, -31.2587, -7.3712



84.7170, -11.1995, -47.9868



81.8400, 8.9529, -71.7737

Triad

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



84.7170, -11.1995, -47.9868



82.9870, 46.3484, -72.7796



100.2480, -15.8983, 59.4185

Complementary

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



84.7170, -11.1995, -47.9868



62.2830, 11.1995, 47.9868

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.



101.5310, 1.7102, 58.2933



84.7170, -11.1995, -47.9868



103.6430, 31.7280, -3.1949

Square

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



84.7170, -11.1995, -47.9868



87.0160, 38.9391, -76.3130



104.9270, 17.7840, 36.0210



99.9630, -30.5478, 44.7594

Rectangle

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



84.7170, -11.1995, -47.9868



84.6900, 19.8728, -74.2731



104.9270, 17.7840, 36.0210



100.4530, -10.0833, 60.9927

Sweetspot

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



84.7170, -11.1995, -47.9868



140.4400, -4.1609, -18.8029



97.5140, -33.2844, -10.9748



69.5380, -2.7302, -10.9958



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.7170, -11.1995, -47.9868



102.5320, -17.5173, -75.0116



89.6190, 7.5828, -52.2859



56.7500, -0.8628, -3.2887



76.7440, -15.6498, -67.3045



157.2380, -32.1623, -137.8977

Inverse Universe

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



62.2830, 11.1995, 47.9868



67.4680, 17.5173, 75.0116



57.3810, -7.5828, 52.2859



55.1360, 0.4260, 3.3887



45.2560, 15.6498, 67.3045



92.7620, 32.1623, 137.8977

Previews

White Background



This preview shows how the YUV color 84.7170, -11.1995, -47.9868 looks on a white background.

Color Contrast Check

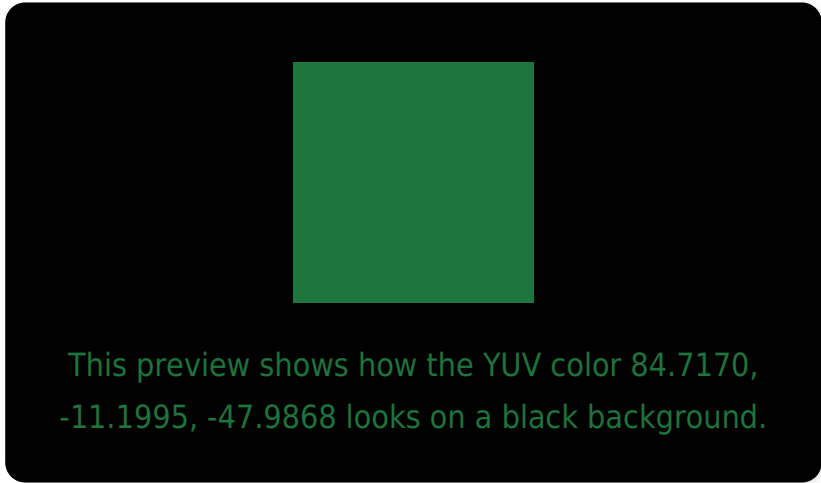
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7170, -11.1995, -47.9868

Background



This preview shows how black text looks on a background with the YUV color 84.7170, -11.1995, -47.9868.



This preview shows how white text looks on a background with the YUV color 84.7170, -11.1995, -47.9868.

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

84.7170, -11.1995, -47.9868

Protanopia

99.7460, -21.5668, 10.7468

Deuteranopia

101.0550, -16.7891, 18.3688



Tritanopia

94.2710, 12.1914, -37.0717

Trichromacy



Original Color

84.7170, -11.1995, -47.9868

Protanomaly

93.9390, -17.7179, -10.4705

Deuteranomaly

95.0690, -14.8240, -5.3225

Tritanomaly

90.6590, 3.6191, -40.9199

Monochromacy



Original Color

84.7170, -11.1995, -47.9868

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1520, -4.0189, -17.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7170, -11.1995, -47.9868 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(30, 117, 62)` looks like.

```
.text, #text, p{  
    color:rgb(30, 117, 62)  
}
```

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(30, 117, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 117, 62) }
```

Border

The CSS property to change the border of an element to YUV 84.7170, -11.1995, -47.9868 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(30, 117, 62) }
```


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

```
.border{ border-color:rgb(30, 117, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 117, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 117, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 117, 62);  
box-shadow:4px 4px 4px 4px rgb(30, 117,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 84.7170, -11.1995, -47.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 117, 62) }
```

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

```
.background{ background-color: rgb(30, 117,  
62) }
```

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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