

Converting Colors

YUV(107.2970, -17.8944,
-94.0995)

Have a look what the booklet for
YUV(107.2970, -17.8944, -94.0995)
contains.

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Color

**YUV(107.2970, -17.8944,
-94.0995)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A947 |
| RGB | 0, 169, 71 |
| RGB Percent | 0%, 66%, 28% |
| CMY | 1.0000, 0.3373, 0.7216 |
| CMYK | 1.00, 0.00, 0.58, 0.34 |
| HSL | 145°, 100%, 33% |
| HSV | 145°, 100%, 66% |
| XYZ | 15.3253, 28.8309, 10.7184 |
| YIQ | 107.2970, -69.2660, -66.3060 |

Conversions

Conversions Part 2

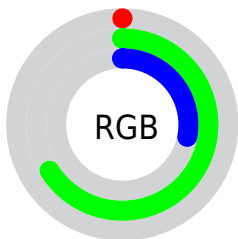
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 119, 169 |
| Decimal | 43335 |
| CIELab | 60.63, -58.17, 39.78 |
| CIELCh | 61, 70.470, 145.635 |
| Yxy | 28.8309, 0.2793, 0.5254 |
| Android (android.graphics.Color) | 4278233415 (0xFF00A947) |
| YUV | 107.2970, -17.8944, -94.0995 |
| Hunter-Lab | 53.6944, -43.0182, 25.7507 |

Details

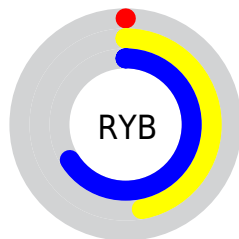
The YUV color **107.2970, -17.8944, -94.0995** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **61.7030, 17.8944, 94.0995**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0780, -25.6745, -71.9824**, and **69.7850, -24.5440, -61.2014** is the 20% darker color. If you saturate the color by 10%, you get **107.2970, -17.8944, -94.0995**, and if you desaturate by 10%, it is **113.5200, -16.0324, -84.6480**.

Distribution



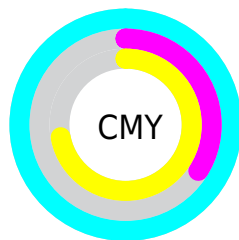
- Red (0%)
- Green (66%)
- Blue (28%)



- Red (0%)
- Yellow (47%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (34%)




- Cyan (100%)
- Magenta (34%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.2970, -17.8944, -94.0995 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 107.2970, -17.8944, -94.0995 by changing the saturation by 10% instead.


 107.2970,
-17.8944, -94.0995

 107.2970,
-17.8944, -94.0995


255.0000, 0.0000,
0.0000


 88.5980, -21.0008,
-77.7004


 174.0780,
-25.6745, -71.9824


 69.7850, -24.5440,
-61.2014


 203.4480,
-26.8429, -70.5529

 52.2430, -25.7558,
-45.8171


 215.4960,
-19.4715, -54.8090

 37.5680, -18.5210,
-32.9471

 227.6580,
-11.6634, -39.1651

 24.6540, -12.1544,
-21.6216

 239.8200, -3.8553,
-23.5211

 2.3480, -1.1576,
-2.0592

 251.4120, 1.7689,

 0.0000, 0.0000,

-7.3773

0.0000

■ 107.2970,
-17.8944, -94.0995

■ 113.5200,
-16.0324, -84.6480

■ 119.7430,
-14.1703, -75.1966

■ 125.8520,
-12.7450, -65.6452

■ 132.0750,
-10.8830, -56.1938

■ 137.9990, -8.8735,
-47.3571

■ 144.2220, -7.0114,
-37.9057

■ 150.4450, -5.1494,
-28.4543

■ 156.5540, -3.7241,
-18.9029

■ 162.7770, -1.8621,
-9.4514

Harmonies

Analogous

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



129.5230, -63.8548, -5.7207



107.2970, -17.8944, -94.0995



117.5280, 8.6137, -103.0721

Triad

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



107.2970, -17.8944, -94.0995



121.2290, 65.9491, -106.3178



138.5460, -20.9752, 101.2532

Complementary

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



107.2970, -17.8944, -94.0995



61.7030, 17.8944, 94.0995

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.



140.6080, 8.5743, 96.8138



107.2970, -17.8944, -94.0995



145.1030, 54.1792, -17.6303

Square

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



107.2970, -17.8944, -94.0995



127.4750, 59.4188, -111.7956



149.1740, 33.4382, 55.0984



139.6500, -49.1274, 77.4830

Rectangle

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



107.2970, -17.8944, -94.0995



123.0170, 27.1066, -107.8859



149.1740, 33.4382, 55.0984



137.6030, -10.6503, 102.9572

Sweetspot

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



107.2970, -17.8944, -94.0995



195.2330, -7.0169, -36.1613



128.8040, -63.5004, -26.1381



95.4180, -4.1501, -22.2916



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



107.2970, -17.8944, -94.0995



139.0410, -23.1912, -121.9390



116.8730, 18.7966, -102.4976



81.0380, -1.0047, -4.4183



93.9440, -15.7484, -82.3889



12.7660, -1.8566, -11.1958

Inverse Universe

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



61.7030, 17.8944, 94.0995



79.9590, 23.1912, 121.9390



52.1270, -18.7966, 102.4976



78.9620, 1.0047, 4.4183



54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 107.2970, -17.8944, -94.0995 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 107.2970, -17.8944, -94.0995 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 107.2970, -17.8944, -94.0995 Background



This preview shows how black text looks on a background with the YUV color 107.2970, -17.8944, -94.0995.



This preview shows how white text looks on a background with the YUV color 107.2970, -17.8944, -94.0995.

-94.0995.

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



Protanopia

140.5500, -37.7391, 17.9347

Deuteranopia

143.2340, -31.6674, 30.4898

Tritanopia

132.8600, 18.8030, -57.7592

Trichromacy



Protanomaly

128.5340, -30.3363, -23.2703

Deuteranomaly

129.9140, -26.5796, -14.8336

Tritanomaly

123.9280, 5.4585, -70.9739

Monochromacy



Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3580, -6.5855, -34.5170

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2970, -17.8944, -94.0995 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(0, 169, 71)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 71)  
}
```

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(0, 169, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 71) }
```

Border

The CSS property to change the border of an element to YUV 107.2970, -17.8944, -94.0995 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(0, 169, 71) }
```

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

```
.border{ border-color:rgb(0, 169, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 71);  
box-shadow:4px 4px 4px 4px rgb(0, 169, 71)  
}
```


Background

The CSS property to change the background color of an element to YUV 107.2970, -17.8944, -94.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 71) }
```

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

```
.background{ background-color: rgb(0, 169,  
71) }
```

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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