

Converting Colors

YUV(108.7840, -29.9665,
-95.4036)

Have a look what the booklet for
YUV(108.7840, -29.9665, -95.4036)
contains.

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Color

**YUV(108.7840, -29.9665,
-95.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	00B030
RGB	0, 176, 48
RGB Percent	0%, 69%, 19%
CMY	1.0000, 0.3098, 0.8118
CMYK	1.00, 0.00, 0.73, 0.31
HSL	136°, 100%, 35%
HSV	136°, 100%, 69%
XYZ	16.0588, 31.2641, 7.9845
YIQ	108.7840, -63.8080, -77.1200

Conversions

Conversions Part 2

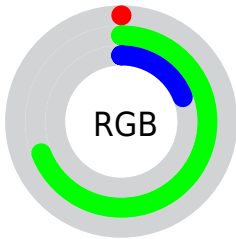
Format	Color
RYB	0, 138, 176
Decimal	45104
CIELab	62.73, -62.94, 52.03
CIELCh	63, 81.659, 140.421
Yxy	31.2641, 0.2904, 0.5653
Android (android.graphics.Color)	4278235184 (0xFF00B030)
YUV	108.7840, -29.9665, -95.4036
Hunter-Lab	55.9143, -46.5840, 30.6735

Details

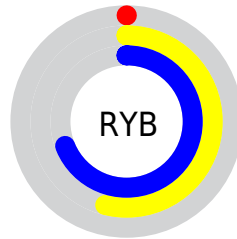
The YUV color **108.7840, -29.9665, -95.4036** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **67.2160, 29.9665, 95.4036**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8040, -36.8784, -71.7421**, and **71.6140, -35.3057, -62.8055** is the 20% darker color. If you saturate the color by 10%, you get **108.7840, -29.9665, -95.4036**, and if you desaturate by 10%, it is **115.6480, -26.9415, -85.6373**.

Distribution



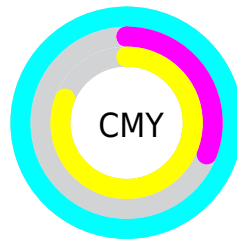
- Red (0%)
- Green (69%)
- Blue (19%)



- Red (0%)
- Yellow (54%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7840, -29.9665, -95.4036 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 108.7840, -29.9665, -95.4036 by changing the saturation by 10% instead.

■ 108.7840,
-29.9665, -95.4036

■ 108.7840,
-29.9665, -95.4036

■ 255.0000, 0.0000,
0.0000

■ 88.7000, -35.8411,
-77.7899

■ 176.8040,
-36.8784, -71.7421

■ 71.6140, -35.3057,
-62.8055

■ 202.3640,
-36.1685, -66.0942

■ 56.3520, -27.7815,
-49.4207

■ 214.4120,
-28.7971, -50.3503

■ 41.0900, -20.2574,
-36.0359

■ 226.5740,
-20.9890, -34.7064

■ 27.5890, -13.6014,
-24.1956

■ 239.0350,
-13.3283, -18.4477

■ 9.9790, -4.9196,
-8.7516

■ 251.3110, -5.0833,

■ 0.0000, 0.0000,

-2.9037

0.0000

■ 108.7840,
-29.9665, -95.4036

■ 115.6480,
-26.9415, -85.6373

■ 122.2130,
-23.7690, -76.4858

■ 128.9630,
-21.1808, -66.6196

■ 135.5280,
-18.0083, -57.4681

■ 142.3920,
-14.9833, -47.7018

■ 149.2560,
-11.9582, -37.9355

■ 155.8210, -8.7858,
-28.7840

■ 162.5710, -6.1975,
-18.9178

■ 169.1360, -3.0250,
-9.7663

Harmonies

Analogous

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



136.3450, -67.2181, -0.3026



108.7840, -29.9665, -95.4036



121.0840, 1.9306, -106.1907

Triad

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



108.7840, -29.9665, -95.4036



127.0990, 63.0552, -111.4658



130.0060, -11.8350, 109.6197

Complementary

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



108.7840, -29.9665, -95.4036



67.2160, 29.9665, 95.4036

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.



137.0400, 20.1933, 103.4509



108.7840, -29.9665, -95.4036



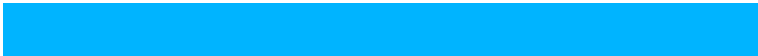
139.3230, 57.0288, -45.0103

Square

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



108.7840, -29.9665, -95.4036



134.7300, 59.2931, -118.1582



154.1380, 44.7950, 52.4990



142.1470, -52.8235, 96.3411

Rectangle

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



108.7840, -29.9665, -95.4036



128.0720, 23.6285, -112.3191



154.1380, 44.7950, 52.4990



128.6330, 0.6739, 110.8239

Sweetspot

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



108.7840, -29.9665, -95.4036



203.5550, -12.1056, -37.3207



141.8830, -69.9483, -11.2984



99.0220, -6.9128, -22.8213



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



108.7840, -29.9665, -95.4036



142.1920, -39.0417, -124.7024



118.7020, 8.0349, -104.1017



85.6250, -1.2941, -4.9331



94.5990, -25.9313, -82.9633



16.0600, -4.4666, -14.0846

Inverse Universe

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



67.2160, 29.9665, 95.4036



87.8080, 39.0417, 124.7024



57.2980, -8.0349, 104.1017



83.4890, 1.7309, 4.8331



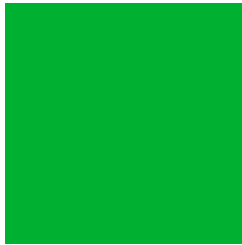
58.4010, 25.9313, 82.9633



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 108.7840, -29.9665, -95.4036 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 108.7840, -29.9665, -95.4036 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

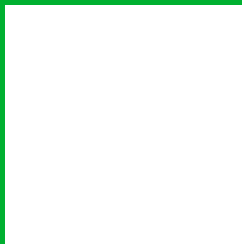
Any Text WCAG AAA ✓ Pass

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

YUV 108.7840, -29.9665, -95.4036 Background



This preview shows how black text looks on a background with the YUV color 108.7840, -29.9665, -95.4036.



This preview shows how white text looks on a background with the YUV color 108.7840, -29.9665, -95.4036.

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

143.9560, -50.2643, 21.9636

Deuteranopia

146.6940, -42.7401, 35.3484

Tritanopia

138.0880, 19.6766, -57.9592

Trichromacy



Protanomaly

131.2280, -43.0034, -20.3710

Deuteranomaly

132.9500, -37.9363, -12.2341

Tritanomaly

127.3040, 1.8221, -71.3036

Monochromacy



Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6200, -10.6587, -34.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7840, -29.9665, -95.4036 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, 176, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 48)  
}
```

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, 176, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 48) }
```

Border

The CSS property to change the border of an element to YUV 108.7840, -29.9665, -95.4036 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, 176, 48) }
```

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

```
.border{ border-color:rgb(0, 176, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 176, 48)  
}
```


Background

The CSS property to change the background color of an element to YUV 108.7840, -29.9665, -95.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 48) }
```

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

```
.background{ background-color: rgb(0, 176,  
48) }
```

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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