

Converting Colors

YUV(127.0740, -19.7565,
-103.5509)

Have a look what the booklet for
YUV(127.0740, -19.7565, -103.5509)
contains.

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Color

**YUV(127.0740, -19.7565,
-103.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	09C357
RGB	9, 195, 87
RGB Percent	4%, 76%, 34%
CMY	0.9647, 0.2353, 0.6588
CMYK	0.95, 0.00, 0.55, 0.24
HSL	145°, 91%, 40%
HSV	145°, 95%, 76%
XYZ	21.3481, 39.7764, 15.5693
YIQ	127.0740, -76.1880, -73.0200

Conversions

Conversions Part 2

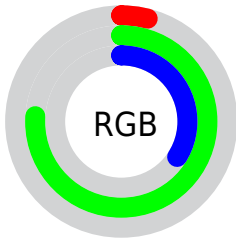
Format	Color
RYB	9, 140, 195
Decimal	639831
CIELab	69.31, -63.78, 42.50
CIELCh	69, 76.647, 146.323
Yxy	39.7764, 0.2784, 0.5186
Android (android.graphics.Color)	4278829911 (0xFF09C357)
YUV	127.0740, -19.7565, -103.5509
Hunter-Lab	63.0685, -49.9495, 29.5115

Details

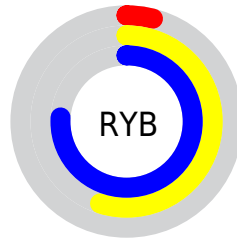
The YUV color **127.0740, -19.7565, -103.5509** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **76.9260, 19.7565, 103.5509**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5560, -27.3891, -82.0486**, and **86.2840, -24.7900, -75.6711** is the 20% darker color. If you saturate the color by 10%, you get **123.8130, -20.6138, -108.5840**, and if you desaturate by 10%, it is **134.0090, -17.7524, -92.9699**.

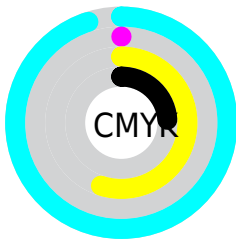
Distribution



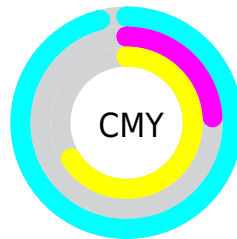
- Red (4%)
- Green (76%)
- Blue (34%)



- Red (4%)
- Yellow (55%)
- Blue (76%)



- Cyan (95%)
- Magenta (0%)
- Yellow (55%)
- Black (24%)



- Cyan (96%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0740, -19.7565, -103.5509 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 127.0740, -19.7565, -103.5509 by changing the saturation by 10% instead.

■ 127.0740,
-19.7565, -103.5509

■ 127.0740,
-19.7565, -103.5509

■ 255.0000, 0.0000,
0.0000

■ 105.0970,
-21.2468, -92.1701

■ 194.5560,
-27.3891, -82.0486

■ 86.2840, -24.7900,
-75.6711

■ 208.3760,
-20.8914, -66.1048

■ 66.9010, -30.5172,
-58.6722

■ 220.8370,
-13.2306, -49.8460

■ 51.0690, -25.1770,
-44.7875

■ 233.4120, -5.1331,
-33.6873

■ 36.3940, -17.9422,
-31.9175

■ 245.6880, 3.1118,
-18.1434

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 127.0740,
-19.7565, -103.5509

■ 127.0740,
-19.7565, -103.5509

■ 123.8130,
-20.6138, -108.5840

■ 134.0090,
-17.7524, -92.9699

■ 141.3570,
-15.4590, -81.8741

■ 148.2920,
-13.4550, -71.2931

■ 155.5260,
-11.5983, -60.0973

■ 162.8740, -9.3049,
-49.0015

■ 169.8090, -7.3008,
-38.4205

■ 177.0430, -5.4442,
-27.2247

■ 184.0920, -3.0034,
-16.7437

■ 191.0270, -0.9993,
-6.1627

Harmonies

Analogous

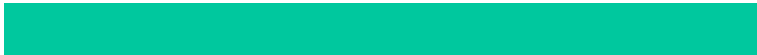
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



151.3610, -68.2120, -8.2096



127.0740, -19.7565, -103.5509



135.4120, 11.1359, -118.7563

Triad

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



127.0740, -19.7565, -103.5509



134.7300, 59.2931, -118.1582



150.6480, -19.0535, 91.5167

Complementary

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



127.0740, -19.7565, -103.5509



76.9260, 19.7565, 103.5509

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.



153.8180, 13.4007, 88.7366



127.0740, -19.7565, -103.5509



164.3180, 44.7062, -12.5569

Square

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



127.0740, -19.7565, -103.5509



143.5350, 54.9522, -125.8802



172.1410, 36.9055, 63.0203



161.0760, -55.2535, 82.3713

Rectangle

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



127.0740, -19.7565, -103.5509



141.4710, 31.8128, -124.0701



172.1410, 36.9055, 63.0203



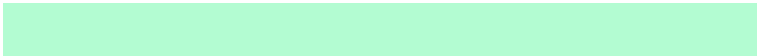
149.6340, -7.7076, 92.4060

Sweetspot

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



127.0740, -19.7565, -103.5509



225.3850, -7.5848, -40.6796



150.7730, -69.8941, -28.7419



111.5810, -4.7234, -25.0655



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



127.0740, -19.7565, -103.5509



160.0080, -26.6259, -140.3270



137.5620, 20.4289, -112.7489



93.3260, -1.1467, -5.5479



102.1450, -17.3265, -89.5812



20.9670, -3.4347, -18.3881

Inverse Universe

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



76.9260, 19.7565, 103.5509



92.1060, 27.0627, 140.2270



66.3240, -20.8657, 112.8489



90.6740, 1.1467, 5.5479



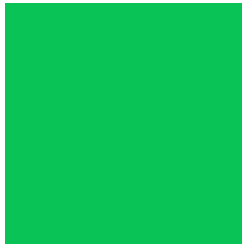
58.7410, 16.8897, 89.6811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 127.0740, -19.7565, -103.5509 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 127.0740, -19.7565, -103.5509 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 127.0740, -19.7565, -103.5509 Background



This preview shows how black text looks on a background with the YUV color 127.0740, -19.7565, -103.5509.



This preview shows how white text looks on a background with the YUV color 127.0740, -19.7565, -103.5509.

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

127.0740, -19.7565, -103.5509

Protanopia

163.1220, -41.9651, 20.0640

Deuteranopia

165.8600, -34.4410, 33.4488



Tritanopia

153.0160, 22.1771, -66.6660

Trichromacy



Original Color

127.0740, -19.7565, -103.5509



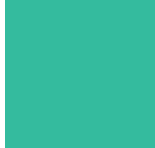
Protanomaly

150.1980, -34.1146, -24.7296



Deuteranomaly

151.9200, -29.0476, -16.5928



Tritanomaly

143.3290, 7.2328, -80.0955

Monochromacy



Original Color

127.0740, -19.7565, -103.5509



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.1080, -7.4482, -37.8057

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0740, -19.7565, -103.5509 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(9, 195, 87)` looks like.

```
.text, #text, p{  
    color:rgb(9, 195, 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(9, 195, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 195, 87) }
```

Border

The CSS property to change the border of an element to YUV 127.0740, -19.7565, -103.5509 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(9, 195, 87) }
```


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

```
.border{ border-color:rgb(9, 195, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 195, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 195, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 195, 87);  
box-shadow:4px 4px 4px 4px rgb(9, 195, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 127.0740, -19.7565, -103.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 195, 87) }
```

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

```
.background{ background-color: rgb(9, 195,  
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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