

Converting Colors

YUV(155.0840, -27.6494,
1.6803)

Have a look what the booklet for
YUV(155.0840, -27.6494, 1.6803)
contains.

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Color

**YUV(155.0840, -27.6494,
1.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA563
RGB	157, 165, 99
RGB Percent	62%, 65%, 39%
CMY	0.3843, 0.3529, 0.6118
CMYK	0.05, 0.00, 0.40, 0.35
HSL	67°, 27%, 52%
HSV	67°, 40%, 65%
XYZ	29.6119, 34.9792, 16.9953
YIQ	155.0840, 16.4180, -22.2220

Conversions

Conversions Part 2

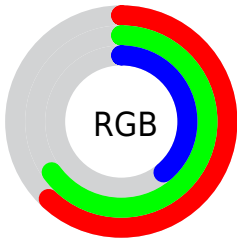
Format	Color
RYB	99, 165, 107
Decimal	10331491
CIELab	65.73, -13.34, 33.23
CIELCh	66, 35.810, 111.866
Yxy	34.9792, 0.3630, 0.4287
Android (android.graphics.Color)	4288521571 (0xFF9DA563)
YUV	155.0840, -27.6494, 1.6803
Hunter-Lab	59.1432, -14.1291, 24.3628

Details

The YUV color **155.0840, -27.6494, 1.6803** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **108.9160, 27.6494, -1.6803**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7420, -28.9598, 1.9803**, and **103.2410, -25.7548, 0.6656** is the 20% darker color. If you saturate the color by 10%, you get **152.5480, -34.7802, 2.1504**, and if you desaturate by 10%, it is **157.5060, -20.9555, 1.3102**.

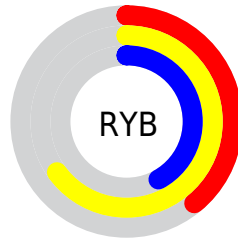
Distribution



Red (62%)

Green (65%)

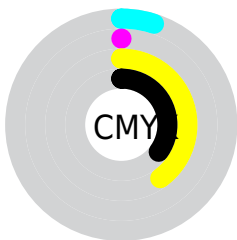
Blue (39%)



Red (39%)

Yellow (65%)

Blue (42%)

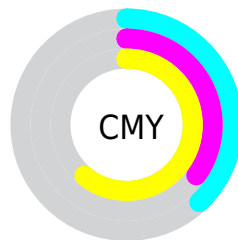


Cyan (5%)

Magenta (0%)

Yellow (40%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0840, -27.6494, 1.6803 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 155.0840, -27.6494, 1.6803 by changing the saturation by 10% instead.

■ 155.0840,
-27.6494, 1.6803

■ 155.0840,
-27.6494, 1.6803

■ 255.0000, 0.0000,
0.0000

■ 128.8990,
-27.0652, 0.9656

■ 209.7420,
-28.9598, 1.9803

■ 103.2410,
-25.7548, 0.6656

■ 237.9270,
-29.5440, 2.6950

■ 78.9420, -25.6074,
0.0509

■ 249.4140,
-21.4031, 4.8989

■ 54.8280, -26.0442,
0.1508

■ 252.6060, -9.1728,
2.0995

■ 35.1080, -17.3082,
-1.8487

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,

0.0000

■ 155.0840,
-27.6494, 1.6803

■ 155.0840,
-27.6494, 1.6803

■ 152.5480,
-34.7802, 2.1504

■ 157.5060,
-20.9555, 1.3102

■ 150.1260,
-41.4741, 2.5205

■ 160.0420,
-13.8247, 0.8402

■ 147.7040,
-48.1681, 2.8906

■ 162.4640, -7.1308,
0.4701

■ 145.1680,
-55.2988, 3.3607

■ 165.0000, 0.0000,
0.0000

■ 142.6320,
-62.4296, 3.8307

■ 167.5360, 7.1308,
-0.4701

■ 140.2100,
-69.1235, 4.2008

■ 169.9580, 13.8247,
-0.8402

■ 172.3800, 20.5187,
-1.2103

■ 174.9160, 27.6494,
-1.6803

■ 177.3380, 34.3434,
-2.0504

Harmonies

Analogous

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



158.4400, -30.7829, 26.8011



155.0840, -27.6494, 1.6803



150.4100, -15.4851, -26.6696

Triad

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



155.0840, -27.6494, 1.6803



137.3370, 35.3299, -85.3645



163.2090, 3.3480, 46.2977

Complementary

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



155.0840, -27.6494, 1.6803



108.9160, 27.6494, -1.6803

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.



164.1490, 17.6745, 24.4253



155.0840, -27.6494, 1.6803



151.5790, 35.2106, -46.9888

Square

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



155.0840, -27.6494, 1.6803



133.9160, 23.7054, -90.2573



161.1000, 28.5447, -8.8577



161.8280, -12.2402, 52.7708

Rectangle

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



155.0840, -27.6494, 1.6803



146.3780, -3.6374, -46.8125



161.1000, 28.5447, -8.8577



163.7290, 8.0216, 40.5797

Sweetspot

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



155.0840, -27.6494, 1.6803



210.1390, -10.9145, 0.7551



123.4300, -12.0440, 36.4569



104.6920, -6.2572, 0.2701



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



155.0840, -27.6494, 1.6803



198.6700, -43.2213, 2.9204



145.2170, -22.7850, -18.6073



80.6750, -3.7838, 0.2850



123.3870, -60.8298, 4.0456



15.3500, -7.5675, 0.5701

Inverse Universe

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



108.9160, 27.6494, -1.6803



126.6290, 43.0739, -2.3056



118.7830, 22.7850, 18.6073



74.3250, 3.7838, -0.2850



21.9120, 60.6824, -3.4308



2.6500, 7.5675, -0.5700

Previews

White Background



This preview shows how the YUV color 155.0840, -27.6494, 1.6803 looks on a white background.

Color Contrast Check

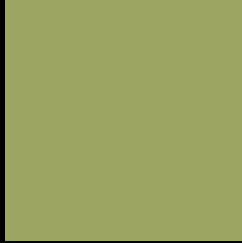
Large Text (above 18pt) WCAG AA × Fail

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 155.0840, -27.6494, 1.6803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

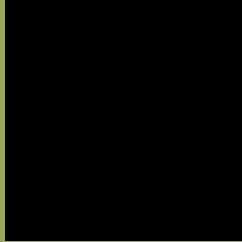
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.0840, -27.6494, 1.6803

Background



This preview shows how black text looks on a background with the YUV color 155.0840, -27.6494, 1.6803.



This preview shows how white text looks on a background with the YUV color 155.0840, -27.6494, 1.6803.

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

155.0840, -27.6494, 1.6803

Protanopia

157.0040, -29.5820, 14.9055

Deuteranopia

158.2600, -27.7362, 29.5900



Tritanopia

160.7600, 4.0623, 3.7185

Trichromacy



Original Color

155.0840, -27.6494, 1.6803

Protanomaly

156.4980, -28.8395, 10.0873

Deuteranomaly

157.1940, -27.7036, 19.1239

Tritanomaly

158.7740, -7.2836, 2.8292

Monochromacy



Original Color

155.0840, -27.6494, 1.6803

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.3670, -10.0409, 0.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0840, -27.6494, 1.6803 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(157, 165, 99)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 99)  
}
```

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(157, 165, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 99) }
```

Border

The CSS property to change the border of an element to YUV 155.0840, -27.6494, 1.6803 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(157, 165, 99) }
```


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

```
.border{ border-color:rgb(157, 165, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 99);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 155.0840, -27.6494, 1.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 99) }
```

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

```
.background{ background-color: rgb(157,  
165, 99) }
```

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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