

Converting Colors

YUV(108.0100, -2.4699,
-94.7248)

Have a look what the booklet for
YUV(108.0100, -2.4699, -94.7248)
contains.

YUV(108.0100, -2.4699, -94.7248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(108.0100, -2.4699,
-94.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	00A467
RGB	0, 164, 103
RGB Percent	0%, 64%, 40%
CMY	1.0000, 0.3569, 0.5961
CMYK	1.00, 0.00, 0.37, 0.36
HSL	158°, 100%, 32%
HSV	158°, 100%, 64%
XYZ	15.7236, 27.5302, 17.3171
YIQ	108.0100, -78.1630, -53.7390

Conversions

Conversions Part 2

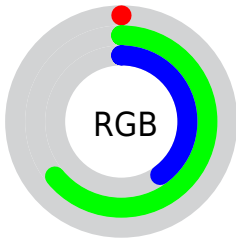
Format	Color
RYB	0, 101, 164
Decimal	42087
CIELab	59.46, -50.79, 21.75
CIELCh	59, 55.248, 156.820
Yxy	27.5302, 0.2596, 0.4545
Android (android.graphics.Color)	4278232167 (0xFF00A467)
YUV	108.0100, -2.4699, -94.7248
Hunter-Lab	52.4692, -38.3294, 17.1602

Details

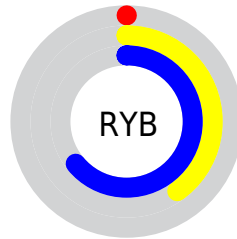
The YUV color **108.0100, -2.4699, -94.7248** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **55.9900, 2.4699, 94.7248**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7200, -9.2290, -73.4224**, and **71.4270, -8.0985, -62.6415** is the 20% darker color. If you saturate the color by 10%, you get **108.0100, -2.4699, -94.7248**, and if you desaturate by 10%, it is **113.4780, -2.2077, -85.4882**.

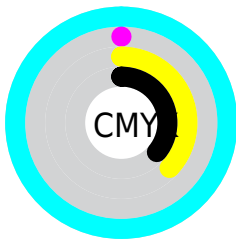
Distribution



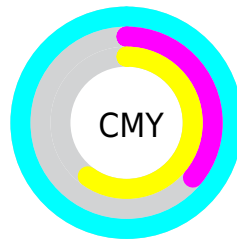
- Red (0%)
- Green (64%)
- Blue (40%)



- Red (0%)
- Yellow (40%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0100, -2.4699, -94.7248 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 108.0100, -2.4699, -94.7248 by changing the saturation by 10% instead.


 108.0100, -2.4699,
-94.7248

 108.0100, -2.4699,
-94.7248


255.0000, 0.0000,
0.0000

 89.4250, -5.1395,
-78.4257


 173.7200, -9.2290,
-73.4224

 71.4270, -8.0985,
-62.6415


 202.6770,
-10.6868, -72.5077

 53.6570, -10.1839,
-47.0572

 218.3610, -4.6150,
-59.9526

 37.0610, -12.8481,
-32.5025

 230.6370, 3.6300,
-44.4086

 22.8930, -11.2862,
-20.0772

 241.2460, 6.7807,
-28.2797

 0.0000, 0.0000,
0.0000

 250.5150, 2.2111,

-9.2217

■ 108.0100, -2.4699,
-94.7248

■ 113.4780, -2.2077,
-85.4882

■ 119.2450, -2.0928,
-75.6369

■ 124.7130, -1.8305,
-66.4003

■ 130.4800, -1.7156,
-56.5490

■ 136.0620, -1.0166,
-47.4124

■ 141.5300, -0.7543,
-38.1758

■ 147.2970, -0.6394,
-28.3245

■ 152.7650, -0.3771,
-19.0879

■ 158.5320, -0.2623,
-9.2366

Harmonies

Analogous

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



130.9920, -34.9991, -21.0410



108.0100, -2.4699, -94.7248



115.4710, 18.5018, -101.2681

Triad

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



108.0100, -2.4699, -94.7248



131.0130, 53.7306, -60.5244



141.0020, -26.1300, 74.5432

Complementary

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



108.0100, -2.4699, -94.7248



55.9900, 2.4699, 94.7248

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.



141.8710, -3.8804, 78.1661



108.0100, -2.4699, -94.7248



146.9960, 36.4840, 11.4045

Square

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



108.0100, -2.4699, -94.7248



119.1940, 55.6134, -104.5331



146.0590, 17.7189, 56.9533



139.8640, -43.8100, 51.8623

Rectangle

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



108.0100, -2.4699, -94.7248



118.6460, 33.2055, -104.0525



146.0590, 17.7189, 56.9533



140.8590, -19.1575, 78.1767

Sweetspot

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



108.0100, -2.4699, -94.7248



192.1280, -1.0491, -36.9463



115.1050, -56.7468, -45.6961



94.0420, -0.5137, -21.9618



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.



108.0100, -2.4699, -94.7248



141.0080, -2.9619, -123.6640



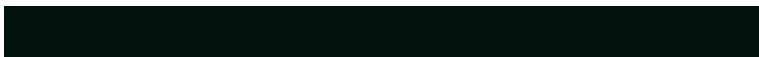
103.8110, 29.6732, -91.0422



78.9670, 0.0163, -5.2331



95.4890, -2.2131, -83.7439



11.8200, -0.4043, -10.3661

Inverse Universe

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



55.9900, 2.4699, 94.7248



73.1060, 3.3987, 123.5640



60.1890, -29.6732, 91.0422



76.0330, -0.0163, 5.2331



49.5110, 2.2131, 83.7439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 108.0100, -2.4699, -94.7248 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 108.0100, -2.4699, -94.7248 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 108.0100, -2.4699, -94.7248 Background



This preview shows how black text looks on a background with the YUV color 108.0100, -2.4699, -94.7248.



This preview shows how white text looks on a background with the YUV color 108.0100, -2.4699, -94.7248.

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

140.1160, -22.7352, 12.1763

Deuteranopia

142.7780, -16.6526, 21.2427

Tritanopia

128.1800, 20.1243, -61.5479

Trichromacy



Protanomaly

128.4100, -15.4851, -26.6696

Deuteranomaly

130.1810, -11.4282, -21.2067

Tritanomaly

120.9260, 11.8685, -73.6031

Monochromacy



Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8510, -0.9125, -34.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0100, -2.4699, -94.7248 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, 164, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 103)  
}
```

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, 164, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 103) }
```

Border

The CSS property to change the border of an element to YUV 108.0100, -2.4699, -94.7248 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, 164, 103) }
```

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

```
.border{ border-color:rgb(0, 164, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
103) }
```


Background

The CSS property to change the background color of an element to YUV 108.0100, -2.4699, -94.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 103) }
```

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

```
.background{ background-color: rgb(0, 164,  
103) }
```

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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