

Converting Colors

YUV(108.0490, -25.1672,
-94.7590)

Have a look what the booklet for
YUV(108.0490, -25.1672, -94.7590)
contains.

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Color

**YUV(108.0490, -25.1672,
-94.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD39
RGB	0, 173, 57
RGB Percent	0%, 68%, 22%
CMY	1.0000, 0.3216, 0.7765
CMYK	1.00, 0.00, 0.67, 0.32
HSL	140°, 100%, 34%
HSV	140°, 100%, 68%
XYZ	15.6821, 30.1825, 8.8702
YIQ	108.0490, -65.8720, -72.7520

Conversions

Conversions Part 2

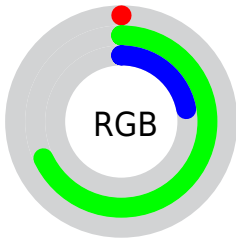
Format	Color
RYB	0, 130, 173
Decimal	44345
CIELab	61.81, -61.16, 47.46
CIELCh	62, 77.411, 142.189
Yxy	30.1825, 0.2865, 0.5514
Android (android.graphics.Color)	4278234425 (0xFF00AD39)
YUV	108.0490, -25.1672, -94.7590
Hunter-Lab	54.9386, -45.1903, 28.8843

Details

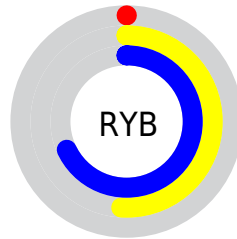
The YUV color **108.0490, -25.1672, -94.7590** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **64.9510, 25.1672, 94.7590**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5420, -32.8052, -71.5123**, and **69.8530, -34.4375, -61.2611** is the 20% darker color. If you saturate the color by 10%, you get **108.0490, -25.1672, -94.7590**, and if you desaturate by 10%, it is **114.5000, -22.4315, -85.5075**.

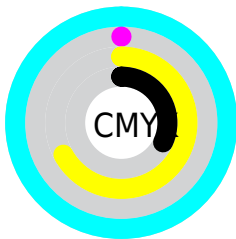
Distribution



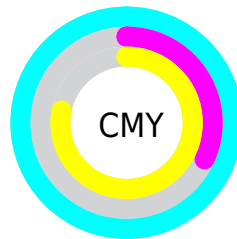
- Red (0%)
- Green (68%)
- Blue (22%)



- Red (0%)
- Yellow (51%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0490, -25.1672, -94.7590 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 108.0490, -25.1672, -94.7590 by changing the saturation by 10% instead.

■ 108.0490,
-25.1672, -94.7590

■ 108.0490,
-25.1672, -94.7590

■ 255.0000, 0.0000,
0.0000

■ 89.1220, -29.1471,
-78.1600

■ 175.5420,
-32.8052, -71.5123

■ 69.8530, -34.4375,
-61.2611

■ 202.5640,
-32.8161, -68.0236

■ 54.5910, -26.9134,
-47.8763

■ 214.6120,
-25.4447, -52.2797

■ 39.9160, -19.6786,
-35.0063

■ 226.7740,
-17.6366, -36.6358

■ 26.4150, -13.0226,
-23.1660

■ 239.2350, -9.9759,
-20.3771

■ 7.0440, -3.4727,
-6.1776

■ 251.5110, -1.7309,

■ 0.0000, 0.0000,

-4.8331

0.0000

■ 108.0490,
-25.1672, -94.7590

■ 114.5000,
-22.4315, -85.5075

■ 121.1360,
-20.2800, -75.5413

■ 127.5870,
-17.5444, -66.2898

■ 133.9240,
-15.2455, -56.9383

■ 140.6740,
-12.6573, -47.0721

■ 147.1250, -9.9216,
-37.8206

■ 153.4620, -7.6228,
-28.4692

■ 159.9130, -4.8871,
-19.2177

■ 166.5490, -2.7357,
-9.2515

Harmonies

Analogous

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



133.6760, -65.9023, -2.3469



108.0490, -25.1672, -94.7590



119.6650, 4.1092, -104.9462

Triad

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



108.0490, -25.1672, -94.7590



124.7510, 64.2128, -109.4066



133.6590, -15.6079, 106.4161

Complementary

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



108.0490, -25.1672, -94.7590



64.9510, 25.1672, 94.7590

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.



139.0630, 15.2519, 101.6767



108.0490, -25.1672, -94.7590



141.7590, 55.8278, -33.1146

Square

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



108.0490, -25.1672, -94.7590



132.3820, 60.4507, -116.0990



151.9980, 40.4270, 53.4988



141.4450, -51.4914, 89.0637

Rectangle

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



108.0490, -25.1672, -94.7590



125.7240, 24.7861, -110.2599



151.9980, 40.4270, 53.4988



132.0580, -3.9726, 107.8201

Sweetspot

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



108.0490, -25.1672, -94.7590



198.8370, -9.7796, -36.6910



136.8330, -67.4587, -16.5165



96.9620, -5.8973, -21.8917



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



108.0490, -25.1672, -94.7590



139.9240, -32.5005, -122.7133



117.6250, 11.5239, -103.1571



83.6250, -1.2941, -4.9331



93.7500, -21.5688, -82.2188



14.4130, -3.1616, -12.6402

Inverse Universe

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



64.9510, 25.1672, 94.7590



84.0760, 32.5005, 122.7133



55.3750, -11.5239, 103.1571



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 108.0490, -25.1672, -94.7590 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 108.0490, -25.1672, -94.7590 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 108.0490, -25.1672, -94.7590 Background



This preview shows how black text looks on a background with the YUV color 108.0490, -25.1672, -94.7590.



This preview shows how white text looks on a background with the YUV color 108.0490, -25.1672, -94.7590.

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

142.7970, -45.7489, 20.3490

Deuteranopia

145.1220, -38.5141, 33.2190

Tritanopia

135.9740, 19.2398, -57.8592

Trichromacy



Protanomaly

130.4820, -38.1986, -21.4707

Deuteranomaly

131.6770, -33.8578, -13.7487

Tritanomaly

125.9450, 2.9851, -70.9888

Monochromacy



Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2610, -9.4957, -34.4319

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0490, -25.1672, -94.7590 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, 173, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 57)  
}
```

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, 173, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 57) }
```

Border

The CSS property to change the border of an element to YUV 108.0490, -25.1672, -94.7590 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, 173, 57) }
```

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

```
.border{ border-color:rgb(0, 173, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 57)  
}
```


Background

The CSS property to change the background color of an element to YUV 108.0490, -25.1672, -94.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 57) }
```

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

```
.background{ background-color: rgb(0, 173,  
57) }
```

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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