

Converting Colors

YUV(106.9300, -24.6155,
-85.0076)

Have a look what the booklet for
YUV(106.9300, -24.6155, -85.0076)
contains.

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Color

**YUV(106.9300, -24.6155,
-85.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	0AA639
RGB	10, 166, 57
RGB Percent	4%, 65%, 22%
CMY	0.9608, 0.3490, 0.7765
CMYK	0.94, 0.00, 0.66, 0.35
HSL	138°, 89%, 35%
HSV	138°, 94%, 65%
XYZ	14.4999, 27.6324, 8.4403
YIQ	106.9300, -57.9870, -66.9710

Conversions

Conversions Part 2

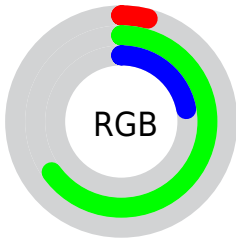
Format	Color
RYB	10, 130, 166
Decimal	697913
CIELab	59.56, -58.50, 44.99
CIElCh	60, 73.803, 142.439
Yxy	27.6324, 0.2867, 0.5464
Android (android.graphics.Color)	4278887993 (0xFF0AA639)
YUV	106.9300, -24.6155, -85.0076
Hunter-Lab	52.5665, -42.7541, 27.2768

Details

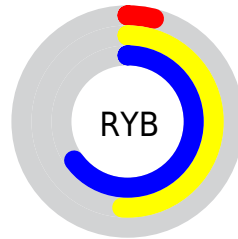
The YUV color **106.9300, -24.6155, -85.0076** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **69.0700, 24.6155, 85.0076**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8460, -30.4901, -67.3939**, and **65.7440, -32.4118, -57.6575** is the 20% darker color. If you saturate the color by 10%, you get **103.1420, -26.1990, -90.4555**, and if you desaturate by 10%, it is **113.3810, -21.8798, -75.7561**.

Distribution



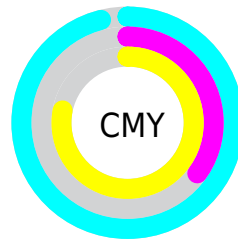
- Red (4%)
- Green (65%)
- Blue (22%)



- Red (4%)
- Yellow (51%)
- Blue (65%)



- Cyan (94%)
- Magenta (0%)
- Yellow (66%)
- Black (35%)



- Cyan (96%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9300, -24.6155, -85.0076 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 106.9300, -24.6155, -85.0076 by changing the saturation by 10% instead.

■ 106.9300,
-24.6155, -85.0076

■ 106.9300,
-24.6155, -85.0076

■ 255.0000, 0.0000,
0.0000

■ 85.0130, -27.1214,
-74.5564

■ 170.8460,
-30.4901, -67.3939

■ 65.7440, -32.4118,
-57.6575

■ 199.8030,
-31.9479, -66.4792

■ 51.0690, -25.1770,
-44.7875

■ 214.1990,
-25.7341, -52.7945

■ 36.3940, -17.9422,
-31.9175

■ 226.3610,
-17.9260, -37.1506

■ 22.8930, -11.2862,
-20.0772

■ 238.5230,
-10.1178, -21.5067

■ 0.0000, 0.0000,
0.0000

■ 250.7990, -1.8729,

-5.9627

■ 106.9300,
-24.6155, -85.0076

■ 106.9300,
-24.6155, -85.0076

■ 103.1420,
-26.1990, -90.4555

■ 113.3810,
-21.8798, -75.7561

■ 119.4190,
-19.4336, -67.0195

■ 125.8700,
-16.6979, -57.7680

■ 131.9080,
-14.2516, -49.0313

■ 138.3590,
-11.5160, -39.7798

■ 144.8100, -8.7803,
-30.5284

■ 150.8480, -6.3341,
-21.7917

■ 157.2990, -3.5984,
-12.5402

■ 163.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



128.6590, -63.4289, -2.3319



106.9300, -24.6155, -85.0076



114.5130, 4.6771, -100.4279

Triad

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



106.9300, -24.6155, -85.0076



120.6420, 66.2385, -105.8030



132.6160, -17.0657, 107.3308

Complementary

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



106.9300, -24.6155, -85.0076



69.0700, 24.6155, 85.0076

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.



136.1830, 13.2208, 99.8175



106.9300, -24.6155, -85.0076



137.9380, 57.7116, -30.6406

Square

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



106.9300, -24.6155, -85.0076



126.6600, 58.8346, -111.0808



145.8190, 38.5432, 51.0247



135.8080, -48.7123, 84.3604

Rectangle

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



106.9300, -24.6155, -85.0076



120.9310, 24.1910, -106.0565



145.8190, 38.5432, 51.0247



131.4880, -6.1566, 108.3200

Sweetspot

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



106.9300, -24.6155, -85.0076



193.8590, -9.7905, -33.2023



134.1630, -61.2124, -13.2980



95.6740, -5.7553, -20.7621



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



106.9300, -24.6155, -85.0076



134.7890, -34.4060, -118.2100



115.8220, 9.4548, -92.8059



80.9240, -1.4415, -4.3183



92.0060, -23.1740, -80.6893



12.4240, -3.1670, -10.8958

Inverse Universe

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



69.0700, 24.6155, 85.0076



82.0970, 33.9692, 118.3099



60.1780, -9.4548, 92.8059



79.0760, 1.4415, 4.3183



55.9940, 23.1740, 80.6893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 106.9300, -24.6155, -85.0076 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 106.9300, -24.6155, -85.0076 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 106.9300, -24.6155, -85.0076 Background



This preview shows how black text looks on a background with the YUV color 106.9300, -24.6155, -85.0076.



This preview shows how white text looks on a background with the YUV color 106.9300, -24.6155, -85.0076.

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

106.9300, -24.6155, -85.0076

Protanopia

137.1820, -42.9807, 19.1344

Deuteranopia

140.0940, -36.0353, 31.4896



Tritanopia

130.4690, 18.5028, -54.7853

Trichromacy



Original Color

106.9300, -24.6155, -85.0076



Protanomaly

126.0740, -36.0255, -18.4819



Deuteranomaly

128.1550, -32.1214, -10.6599



Tritanomaly

121.9780, 2.9688, -65.7557

Monochromacy



Original Color

106.9300, -24.6155, -85.0076



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.8100, -8.7803, -30.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9300, -24.6155, -85.0076 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(10, 166, 57)` looks like.

```
.text, #text, p{  
    color:rgb(10, 166, 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(10, 166, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 166, 57) }
```

Border

The CSS property to change the border of an element to YUV 106.9300, -24.6155, -85.0076 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(10, 166, 57) }
```


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

```
.border{ border-color:rgb(10, 166, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 166, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 166, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 166, 57);  
box-shadow:4px 4px 4px 4px rgb(10, 166,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 106.9300, -24.6155, -85.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 166, 57) }
```

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

```
.background{ background-color: rgb(10, 166,  
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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