

Converting Colors

YUV(106.2610, 13.6753,
-93.1909)

Have a look what the booklet for
YUV(106.2610, 13.6753, -93.1909)
contains.

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Color

**YUV(106.2610, 13.6753,
-93.1909)**

Conversions

Conversions Part 1

Format	Color
Hex	009B86
RGB	0, 155, 134
RGB Percent	0%, 61%, 53%
CMY	1.0000, 0.3922, 0.4745
CMYK	1.00, 0.00, 0.14, 0.39
HSL	172°, 100%, 30%
HSV	172°, 100%, 61%
XYZ	16.0244, 25.1639, 26.5668
YIQ	106.2610, -85.6390, -39.3910

Conversions

Conversions Part 2

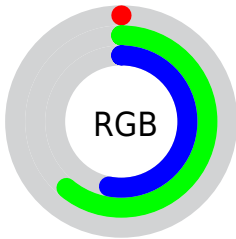
Format	Color
RYB	0, 83, 155
Decimal	39814
CIELab	57.23, -39.45, 1.29
CIELCh	57, 39.471, 178.124
Yxy	25.1639, 0.2365, 0.3714
Android (android.graphics.Color)	4278229894 (0xFF009B86)
YUV	106.2610, 13.6753, -93.1909
Hunter-Lab	50.1637, -30.7658, 3.7144

Details

The YUV color **106.2610, 13.6753, -93.1909** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **48.7390, -13.6753, 93.1909**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1990, 7.7899, -72.0885**, and **70.1510, 7.3206, -61.5224** is the 20% darker color. If you saturate the color by 10%, you get **106.2610, 13.6753, -93.1909**, and if you desaturate by 10%, it is **110.9740, 12.3378, -84.1692**.

Distribution



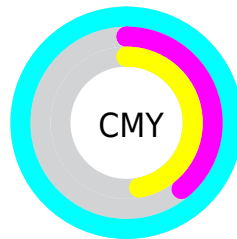
- Red (0%)
- Green (61%)
- Blue (53%)



- Red (0%)
- Yellow (33%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2610, 13.6753, -93.1909 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 106.2610, 13.6753, -93.1909 by changing the saturation by 10% instead.

■ 106.2610, 13.6753,
-93.1909

■ 106.2610, 13.6753,
-93.1909

■ 255.0000, 0.0000,
0.0000

■ 87.5620, 10.5689,
-76.7919

■ 171.1990, 7.7899,
-72.0885

■ 70.1510, 7.3206,
-61.5224

■ 200.3840, 7.2057,
-71.3738

■ 52.7400, 4.0722,
-46.2530

■ 221.9380, 10.3836,
-63.9666

■ 36.2580, 1.8448,
-31.7983

■ 231.9770, 11.3503,
-47.3378

■ 21.5370, -1.2507,
-18.8879

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 106.2610, 13.6753,
-93.1909

■ 110.9740, 12.3378,
-84.1692

■ 115.9860, 10.8529,
-74.5327

■ 120.9980, 9.3680,
-64.8962

■ 125.7110, 8.0305,
-55.8745

■ 130.7230, 6.5456,
-46.2381

■ 135.5500, 5.6448,
-37.3164

■ 140.2630, 4.3073,
-28.2947

■ 145.2750, 2.8224,
-18.6582

■ 149.9880, 1.4849,
-9.6365

Harmonies

Analogous

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



125.4410, -12.5424, -37.2208



106.2610, 13.6753, -93.1909



110.2510, 28.9633, -96.6901

Triad

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



106.2610, 13.6753, -93.1909



139.2580, 28.9598, -1.9803



136.6470, -27.9270, 44.1596

Complementary

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



106.2610, 13.6753, -93.1909



48.7390, -13.6753, 93.1909

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.



138.3400, -15.4506, 55.8298



106.2610, 13.6753, -93.1909



141.7370, 15.9057, 31.8027

Square

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



106.2610, 13.6753, -93.1909



129.2630, 37.8313, -47.5887



139.8570, 0.5635, 52.7454



134.7230, -33.3874, 22.1679

Rectangle

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



106.2610, 13.6753, -93.1909



110.6560, 38.1306, -97.0453



139.8570, 0.5635, 52.7454



137.1900, -24.7437, 49.8224

Sweetspot

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



106.2610, 13.6753, -93.1909



182.1480, 5.3500, -36.0868



97.8620, -48.2460, -65.6540



90.3670, 3.2701, -22.2469



230.0000, 0.0000, 0.0000



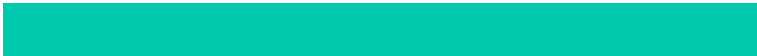
102.0000, 0.0000, 0.0000

Same Dimension

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



106.2610, 13.6753, -93.1909



137.8230, 17.8353, -120.8708



76.9570, 38.4752, -67.4913



74.3800, 0.3057, -4.7183



95.9740, 12.3378, -84.1692



8.8850, 1.0427, -7.7921

Inverse Universe

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



48.7390, -13.6753, 93.1909



63.1770, -17.8353, 120.8708



78.0430, -38.4752, 67.4913



71.5060, -0.7425, 4.8182



44.0260, -12.3378, 84.1692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 106.2610, 13.6753, -93.1909 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 106.2610, 13.6753, -93.1909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

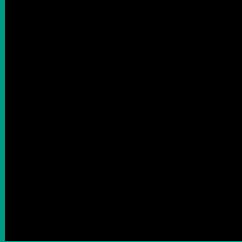
Any Text WCAG AA ✓ Pass

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 106.2610, 13.6753, -93.1909 Background



This preview shows how black text looks on a background with the YUV color 106.2610, 13.6753, -93.1909.



This preview shows how white text looks on a background with the YUV color 106.2610, 13.6753, -93.1909.

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

136.4260, -6.1260, 4.8884

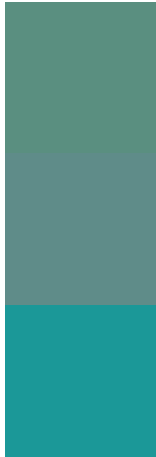
Deuteranopia

137.8810, 0.5517, 9.7514

Tritanopia

119.7770, 21.3089, -68.2104

Trichromacy



Protanomaly

125.4430, 1.2606, -31.0835

Deuteranomaly

126.2030, 5.3229, -27.3650

Tritanomaly

114.6250, 18.4259, -76.8471

Monochromacy



Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0450, 4.9078, -34.2425

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2610, 13.6753, -93.1909 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, 155, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 134)  
}
```

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, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 134) }
```

Border

The CSS property to change the border of an element to YUV 106.2610, 13.6753, -93.1909 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, 155, 134) }
```

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

```
.border{ border-color:rgb(0, 155, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
134) }
```


Background

The CSS property to change the background color of an element to YUV 106.2610, 13.6753, -93.1909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 134) }
```

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

```
.background{ background-color: rgb(0, 155,  
134) }
```

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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