

Converting Colors

YUV(106.0790, 23.1321,
-93.0313)

Have a look what the booklet for
YUV(106.0790, 23.1321, -93.0313)
contains.

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Color

**YUV(106.0790, 23.1321,
-93.0313)**

Conversions

Conversions Part 1

Format	Color
Hex	009799
RGB	0, 151, 153
RGB Percent	0%, 59%, 60%
CMY	1.0000, 0.4078, 0.4000
CMYK	1.00, 0.01, 0.00, 0.40
HSL	181°, 100%, 30%
HSV	181°, 100%, 60%
XYZ	16.8164, 24.4331, 33.9667
YIQ	106.0790, -90.6380, -31.3900

Conversions

Conversions Part 2

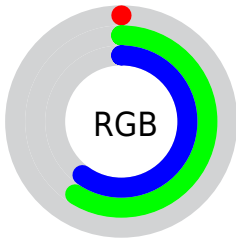
Format	Color
RYB	0, 76, 153
Decimal	38809
CIELab	56.52, -31.89, -10.61
CIELCh	57, 33.605, 198.404
Yxy	24.4331, 0.2236, 0.3248
Android (android.graphics.Color)	4278228889 (0xFF009799)
YUV	106.0790, 23.1321, -93.0313
Hunter-Lab	49.4299, -25.7754, -6.1414

Details

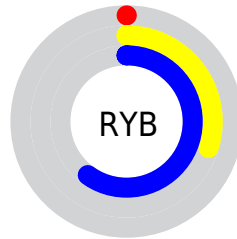
The YUV color **106.0790, 23.1321, -93.0313** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **46.9210, -23.1321, 93.0313**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4300, 17.5360, -71.4141**, and **69.7410, 15.9037, -61.1629** is the 20% darker color. If you saturate the color by 10%, you get **106.0790, 23.1321, -93.0313**, and if you desaturate by 10%, it is **110.5640, 20.9209, -83.8096**.

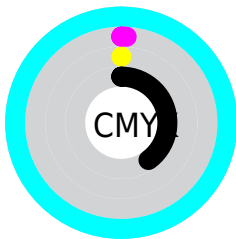
Distribution



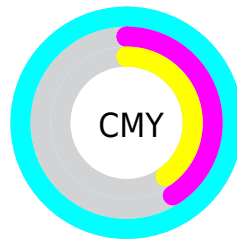
- Red (0%)
- Green (59%)
- Blue (60%)



- Red (0%)
- Yellow (30%)
- Blue (60%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0790, 23.1321, -93.0313 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 106.0790, 23.1321, -93.0313 by changing the saturation by 10% instead.

■ 106.0790, 23.1321,
-93.0313

■ 106.0790, 23.1321,
-93.0313

■ 255.0000, 0.0000,
0.0000

■ 87.8530, 19.2995,
-77.0471

■ 171.4300, 17.5360,
-71.4141

■ 69.7410, 15.9037,
-61.1629

■ 200.3270, 17.0938,
-69.5698

■ 52.9170, 12.3659,
-46.4082

■ 223.9040, 15.3303,
-63.9368

■ 36.2070, 9.2649,
-31.7535

■ 232.5750, 11.0555,
-46.1083

■ 22.6600, 5.5906,
-19.8728

■ 241.5450, 6.6333,
-27.6650

■ 1.2540, 4.8048,
-1.0998

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 106.0790, 23.1321,
-93.0313

■ 110.5640, 20.9209,
-83.8096

■ 115.3480, 18.5624,
-73.9732

■ 120.4200, 16.0619,
-65.2663

■ 124.9050, 13.8508,
-56.0447

■ 129.6890, 11.4923,
-46.2083

■ 134.1740, 9.2812,
-36.9866

■ 138.6590, 7.0701,
-27.7649

■ 143.7310, 4.5696,
-19.0581

■ 148.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



121.2080, 0.8835, -50.1714



106.0790, 23.1321, -93.0313



107.1680, 34.9202, -93.9863

Triad

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



106.0790, 23.1321, -93.0313



139.1160, 17.6908, 19.1923



134.5370, -27.8727, 26.7161

Complementary

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



106.0790, 23.1321, -93.0313



46.9210, -23.1321, 93.0313

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.



136.0580, -21.2276, 42.0451



106.0790, 23.1321, -93.0313



139.1050, 4.3852, 40.2499

Square

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



106.0790, 23.1321, -93.0313



135.7360, 27.2452, -12.0465



137.3050, -9.0244, 47.9675



131.2630, -25.7657, 4.1543

Rectangle

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



106.0790, 23.1321, -93.0313



121.0240, 33.5122, -62.2880



137.3050, -9.0244, 47.9675



134.7380, -25.9998, 32.6788

Sweetspot

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



106.0790, 23.1321, -93.0313



180.4730, 9.1338, -36.3718



89.8110, -44.2768, -78.7642



88.5350, 5.1592, -21.5172



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.0790, 23.1321, -93.0313



137.7380, 30.2022, -120.7962



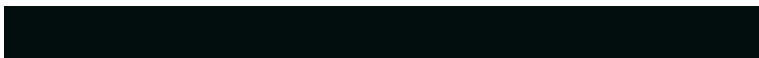
62.6410, 44.5470, -54.9362



74.0210, 1.4686, -4.4034



96.9660, 21.2158, -85.0392



9.1130, 1.9163, -7.9921

Inverse Universe

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



62.9610, 43.4032, 78.9642



81.8450, 56.2784, 102.7449



90.9460, -44.8364, 54.4214



72.1900, 1.8783, 4.2184



57.5920, 39.6411, 72.2718



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 106.0790, 23.1321, -93.0313 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 106.0790, 23.1321, -93.0313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

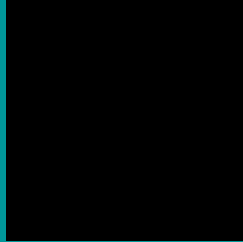
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.0790, 23.1321, -93.0313

Background



This preview shows how black text looks on a background with the YUV color 106.0790, 23.1321, -93.0313.



This preview shows how white text looks on a background with the YUV color 106.0790, 23.1321, -93.0313.

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

135.2110, 3.3470, -0.1850

Deuteranopia

136.3450, 10.1829, 0.5744

Tritanopia

113.9930, 23.6675, -78.0469

Trichromacy



Protanomaly

124.5380, 10.5808, -33.7978

Deuteranomaly

125.3900, 15.0907, -33.6680

Tritanomaly

110.9600, 23.6837, -83.2799

Monochromacy



Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.6690, 8.5442, -33.9127

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0790, 23.1321, -93.0313 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, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 153)  
}
```

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, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 153) }
```

Border

The CSS property to change the border of an element to YUV 106.0790, 23.1321, -93.0313 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, 151, 153) }
```

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

```
.border{ border-color:rgb(0, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
153) }
```


Background

The CSS property to change the background color of an element to YUV 106.0790, 23.1321, -93.0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 153) }
```

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

```
.background{ background-color: rgb(0, 151,  
153) }
```

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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