

Converting Colors

YUV(103.4350, 33.3095,
-90.7125)

Have a look what the booklet for
YUV(103.4350, 33.3095, -90.7125)
contains.

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Color

**YUV(103.4350, 33.3095,
-90.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	008FAB
RGB	0, 143, 171
RGB Percent	0%, 56%, 67%
CMY	1.0000, 0.4392, 0.3294
CMYK	1.00, 0.16, 0.00, 0.33
HSL	190°, 100%, 34%
HSV	190°, 100%, 67%
XYZ	17.1731, 22.5852, 41.9823
YIQ	103.4350, -94.2160, -21.6080

Conversions

Conversions Part 2

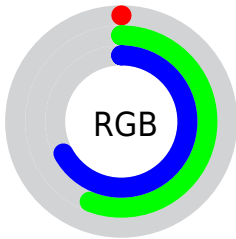
Format	Color
RYB	0, 78, 171
Decimal	36779
CIELab	54.64, -21.83, -23.77
CIELCh	55, 32.272, 227.440
Yxy	22.5852, 0.2101, 0.2763
Android (android.graphics.Color)	4278226859 (0xFF008FAB)
YUV	103.4350, 33.3095, -90.7125
Hunter-Lab	47.5239, -18.6644, -19.1097

Details

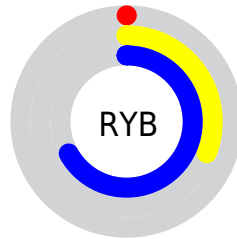
The YUV color **103.4350, 33.3095, -90.7125** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **67.5650, -33.3095, 90.7125**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9110, 28.1449, -67.4509**, and **67.5700, 25.3550, -59.2589** is the 20% darker color. If you saturate the color by 10%, you get **103.4350, 33.3095, -90.7125**, and if you desaturate by 10%, it is **110.2790, 29.9355, -81.8057**.

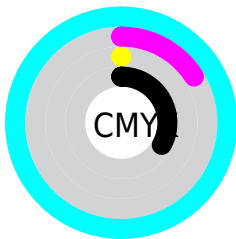
Distribution



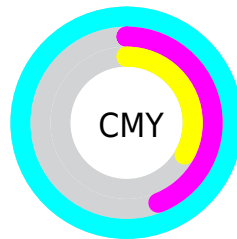
- Red (0%)
- Green (56%)
- Blue (67%)



- Red (0%)
- Yellow (31%)
- Blue (67%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4350, 33.3095, -90.7125 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 103.4350, 33.3095, -90.7125 by changing the saturation by 10% instead.

■ 103.4350, 33.3095,
-90.7125

■ 103.4350, 33.3095,
-90.7125

■ 255.0000, 0.0000,
0.0000

■ 85.0950, 29.0402,
-74.6283

■ 168.9110, 28.1449,
-67.4509

■ 67.5700, 25.3550,
-59.2589

■ 197.9220, 28.1395,
-65.7066

■ 51.2190, 21.0910,
-44.9191

■ 223.9150, 15.3249,
-62.1925

■ 34.9820, 17.2639,
-30.6792

■ 233.4720, 10.6133,
-44.2639

■ 21.3210, 13.1527,
-18.6985

■ 242.4420, 6.1911,
-25.8206

■ 3.6650, 11.5042,
-3.2142

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 103.4350, 33.3095,
-90.7125

■ 110.2790, 29.9355,
-81.8057

■ 117.1230, 26.5614,
-72.8989

■ 123.3800, 23.4767,
-63.4773

■ 130.2240, 20.1026,
-54.5704

■ 137.0680, 16.7285,
-45.6636

■ 144.2110, 13.2070,
-36.1420

■ 151.0550, 9.8329,
-27.2352

■ 157.3120, 6.7482,
-17.8136

■ 164.1560, 3.3741,
-8.9068

Harmonies

Analogous

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



106.2330, 19.6051, -81.7653



103.4350, 33.3095, -90.7125



121.8410, 31.1374, -47.2186

Triad

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



103.4350, 33.3095, -90.7125



133.9090, 4.9749, 37.7908



127.0890, -25.1869, 5.1839

Complementary

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



103.4350, 33.3095, -90.7125



67.5650, -33.3095, 90.7125

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.



129.5800, -26.4149, 25.8013



103.4350, 33.3095, -90.7125



132.4080, -8.5821, 46.1232

Square

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



103.4350, 33.3095, -90.7125



134.5780, 16.9700, 17.0331



131.1010, -19.7698, 41.1304



123.4540, -15.5068, -19.6922

Rectangle

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



103.4350, 33.3095, -90.7125



128.3000, 28.4461, -23.9421



131.1010, -19.7698, 41.1304



127.9050, -26.0822, 12.3613

Sweetspot

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



103.4350, 33.3095, -90.7125



195.5100, 13.0596, -35.5273



103.3410, -38.1291, -90.6301



96.5180, 7.6326, -21.5023



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.



103.4350, 33.3095, -90.7125



134.4900, 43.1424, -117.9477



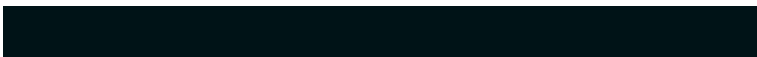
54.7140, 57.3290, -47.9842



83.1350, 1.9054, -4.5034



91.0620, 29.0564, -79.8614



13.7750, 4.5479, -12.0807

Inverse Universe

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



67.4310, 37.2555, 90.8300



87.5820, 48.5201, 117.8846



116.2860, -57.3290, 47.9842



81.4890, 1.7309, 4.8331



59.2140, 32.9255, 79.6193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 103.4350, 33.3095, -90.7125 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 103.4350, 33.3095, -90.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

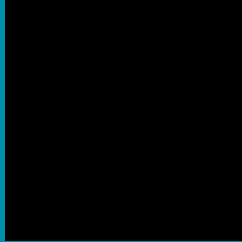
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.4350, 33.3095, -90.7125

Background



This preview shows how black text looks on a background with the YUV color 103.4350, 33.3095, -90.7125.

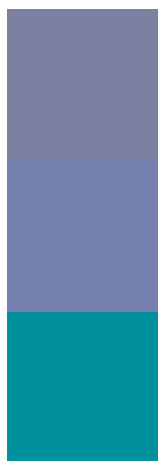


This preview shows how white text looks on a background with the YUV color 103.4350, 33.3095, -90.7125.

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

130.8540, 14.8620, -6.8880

Deuteranopia

130.2540, 21.5668, -10.7468

Tritanopia

102.8990, 26.1788, -90.2424

Trichromacy



Protanomaly

120.7900, 21.7955, -37.5268

Deuteranomaly

120.2180, 26.0215, -39.6562

Tritanomaly

102.8820, 28.6522, -90.2275

Monochromacy



Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.5920, 12.0331, -32.9682

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4350, 33.3095, -90.7125 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, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 171)  
}
```

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, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 171) }
```

Border

The CSS property to change the border of an element to YUV 103.4350, 33.3095, -90.7125 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, 143, 171) }
```

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

```
.border{ border-color:rgb(0, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
171) }
```


Background

The CSS property to change the background color of an element to YUV 103.4350, 33.3095, -90.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 171) }
```

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

```
.background{ background-color: rgb(0, 143,  
171) }
```

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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