

Converting Colors

YUV(105.8850, 17.3117,
-92.8611)

Have a look what the booklet for
YUV(105.8850, 17.3117, -92.8611)
contains.

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Color

**YUV(105.8850, 17.3117,
-92.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	00998D
RGB	0, 153, 141
RGB Percent	0%, 60%, 55%
CMY	1.0000, 0.4000, 0.4471
CMYK	1.00, 0.00, 0.08, 0.40
HSL	175°, 100%, 30%
HSV	175°, 100%, 60%
XYZ	16.1990, 24.7056, 29.1142
YIQ	105.8850, -87.3360, -36.1680

Conversions

Conversions Part 2

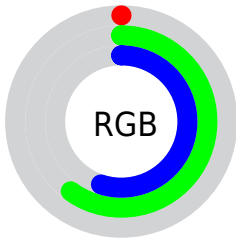
Format	Color
RYB	0, 80, 153
Decimal	39309
CIELab	56.79, -36.52, -3.35
CIELCh	57, 36.676, 185.245
Yxy	24.7056, 0.2314, 0.3528
Android (android.graphics.Color)	4278229389 (0xFF00998D)
YUV	105.8850, 17.3117, -92.8611
Hunter-Lab	49.7047, -28.8093, 0.0646

Details

The YUV color **105.8850, 17.3117, -92.8611** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **47.1150, -17.3117, 92.8611**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9370, 11.8631, -71.8587**, and **69.6610, 10.5201, -61.0927** is the 20% darker color. If you saturate the color by 10%, you get **105.8850, 17.3117, -92.8611**, and if you desaturate by 10%, it is **110.4840, 15.5374, -83.7395**.

Distribution



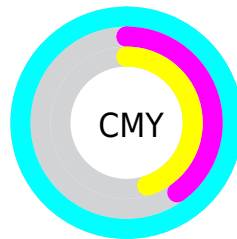
- Red (0%)
- Green (60%)
- Blue (55%)



- Red (0%)
- Yellow (31%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.8850, 17.3117, -92.8611 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 105.8850, 17.3117, -92.8611 by changing the saturation by 10% instead.

■ 105.8850, 17.3117,
-92.8611

■ 105.8850, 17.3117,
-92.8611

■ 255.0000, 0.0000,
0.0000

■ 87.7730, 13.9159,
-76.9769

■ 170.9370, 11.8631,
-71.8587

■ 69.6610, 10.5201,
-61.0927

■ 200.3070, 10.6946,
-70.4292

■ 52.3640, 7.7085,
-45.9232

■ 222.8500, 13.8780,
-64.7664

■ 36.2410, 4.3182,
-31.7834

■ 232.2760, 11.2029,
-46.7231

■ 21.6340, 1.6594,
-18.9730

■ 241.2460, 6.7807,
-28.2797

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 105.8850, 17.3117,
-92.8611

■ 110.4840, 15.5374,
-83.7395

■ 115.3820, 13.6157,
-74.0030

■ 120.0950, 12.2782,
-64.9813

■ 124.6940, 10.5039,
-55.8596

■ 129.5920, 8.5821,
-46.1232

■ 134.1910, 6.8078,
-37.0015

■ 138.7900, 5.0335,
-27.8798

■ 143.5030, 3.6960,
-18.8581

■ 148.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



123.6730, -7.7268, -41.8092



105.8850, 17.3117, -92.8611



108.8320, 31.1418, -95.4457

Triad

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



105.8850, 17.3117, -92.8611



139.4610, 24.4227, 6.6117



135.6030, -27.9053, 37.1822

Complementary

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



105.8850, 17.3117, -92.8611



47.1150, -17.3117, 92.8611

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.



137.3240, -17.9077, 50.5819



105.8850, 17.3117, -92.8611



140.3200, 11.6742, 35.6764

Square

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



105.8850, 17.3117, -92.8611



132.5100, 33.2726, -32.0193



138.5210, -3.2149, 51.2861



133.0750, -30.6030, 15.7202

Rectangle

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



105.8850, 17.3117, -92.8611



108.8950, 38.9988, -95.5009



138.5210, -3.2149, 51.2861



136.0320, -25.1588, 42.9449

Sweetspot

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



105.8850, 17.3117, -92.8611



180.4900, 6.6604, -36.3867



93.6980, -46.1931, -70.7721



88.3070, 4.2856, -21.3172



227.0000, 0.0000, 0.0000



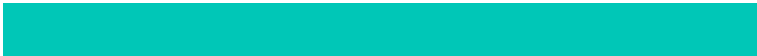
99.0000, 0.0000, 0.0000

Same Dimension

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



105.8850, 17.3117, -92.8611



137.6750, 22.3452, -120.7410



69.6850, 41.0743, -61.1137



74.4940, 0.7425, -4.8182



96.8860, 15.8322, -84.9690



8.9990, 1.4795, -7.8921

Inverse Universe

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



47.1150, -17.3117, 92.8611



61.3250, -22.3452, 120.7410



83.3150, -41.0743, 61.1137



71.3920, -1.1793, 4.9182



43.1140, -15.8322, 84.9690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 105.8850, 17.3117, -92.8611 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 105.8850, 17.3117, -92.8611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

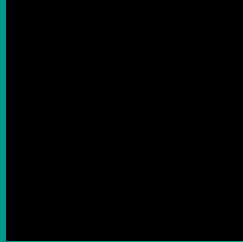
Any Text WCAG AA ✓ Pass

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 105.8850, 17.3117, -92.8611 Background



This preview shows how black text looks on a background with the YUV color 105.8850, 17.3117, -92.8611.

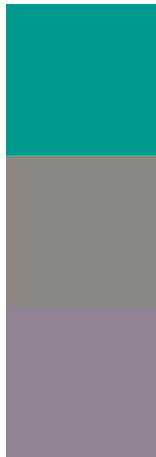


This preview shows how white text looks on a background with the YUV color 105.8850, 17.3117, -92.8611.

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

105.8850, 17.3117, -92.8611

Protanopia

135.7400, -2.3368, 2.8590

Deuteranopia

137.1840, 4.3463, 5.9776



Tritanopia

117.5810, 21.8986, -70.6695

Trichromacy



Original Color

105.8850, 17.3117, -92.8611

Protanomaly

125.0560, 4.9024, -32.4981

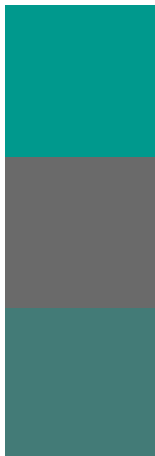
Deuteranomaly

126.1040, 8.8227, -29.9092

Tritanomaly

113.3690, 20.0311, -78.3766

Monochromacy



Original Color

105.8850, 17.3117, -92.8611

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8000, 6.5076, -34.0276

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.8850, 17.3117, -92.8611 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, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 141)  
}
```

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, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 141) }
```

Border

The CSS property to change the border of an element to YUV 105.8850, 17.3117, -92.8611 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, 153, 141) }
```


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

```
.border{ border-color:rgb(0, 153, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 105.8850, 17.3117, -92.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 141) }
```

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

```
.background{ background-color: rgb(0, 153,  
141) }
```

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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