

Converting Colors

YUV(105.3150, 15.1277,
-92.3613)

Have a look what the booklet for
YUV(105.3150, 15.1277, -92.3613)
contains.

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Color

**YUV(105.3150, 15.1277,
-92.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	009988
RGB	0, 153, 136
RGB Percent	0%, 60%, 53%
CMY	1.0000, 0.4000, 0.4667
CMYK	1.00, 0.00, 0.11, 0.40
HSL	173°, 100%, 30%
HSV	173°, 100%, 60%
XYZ	15.8352, 24.5600, 27.1985
YIQ	105.3150, -85.7310, -37.7230

Conversions

Conversions Part 2

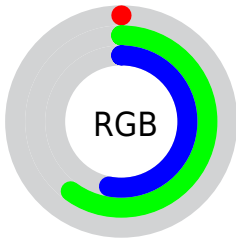
Format	Color
RYB	0, 81, 153
Decimal	39304
CIELab	56.64, -38.00, -0.71
CIELCh	57, 38.002, 181.069
Yxy	24.5600, 0.2343, 0.3633
Android (android.graphics.Color)	4278229384 (0xFF009988)
YUV	105.3150, 15.1277, -92.3613
Hunter-Lab	49.5581, -29.6910, 2.1511

Details

The YUV color **105.3150, 15.1277, -92.3613** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **47.6850, -15.1277, 92.3613**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2530, 9.2423, -71.2589**, and **69.0910, 8.3361, -60.5928** is the 20% darker color. If you saturate the color by 10%, you get **105.3150, 15.1277, -92.3613**, and if you desaturate by 10%, it is **110.0280, 13.7902, -83.3396**.

Distribution



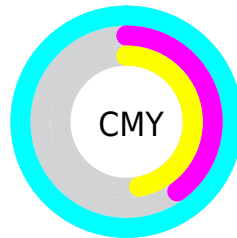
- Red (0%)
- Green (60%)
- Blue (53%)



- Red (0%)
- Yellow (32%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3150, 15.1277, -92.3613 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 105.3150, 15.1277, -92.3613 by changing the saturation by 10% instead.

■ 105.3150, 15.1277,
-92.3613

■ 105.3150, 15.1277,
-92.3613

■ 255.0000, 0.0000,
0.0000

■ 87.2030, 11.7319,
-76.4770

■ 170.2530, 9.2423,
-71.2589

■ 69.0910, 8.3361,
-60.5928

■ 199.4380, 8.6581,
-70.5441

■ 51.7940, 5.5246,
-45.4233

■ 222.1660, 11.2572,
-64.1666

■ 35.1980, 2.8604,
-30.8686

■ 231.9770, 11.3503,
-47.3378

■ 21.1780, -0.0878,
-18.5731

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 105.3150, 15.1277,
-92.3613

■ 110.0280, 13.7902,
-83.3396

■ 114.9260, 11.8685,
-73.6031

■ 119.6390, 10.5310,
-64.5814

■ 124.3520, 9.1935,
-55.5597

■ 129.3640, 7.7085,
-45.9232

■ 133.9630, 5.9342,
-36.8016

■ 138.6760, 4.5967,
-27.7799

■ 143.3890, 3.2592,
-18.7582

■ 148.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



123.7120, -10.2110, -38.3354



105.3150, 15.1277, -92.3613



108.4900, 29.8314, -95.1457

Triad

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



105.3150, 15.1277, -92.3613



138.4110, 26.9124, 1.3936



135.6250, -27.9161, 40.6709

Complementary

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



105.3150, 15.1277, -92.3613



47.6850, -15.1277, 92.3613

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.



136.3890, -16.4608, 53.1558



105.3150, 15.1277, -92.3613



139.8790, 13.8637, 33.4321

Square

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



105.3150, 15.1277, -92.3613



129.7370, 35.6257, -40.1113



138.3900, -1.1783, 51.4010



132.7550, -31.9242, 19.5089

Rectangle

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



105.3150, 15.1277, -92.3613



109.2540, 37.8358, -95.8158



138.3900, -1.1783, 51.4010



136.1680, -24.7328, 46.3337

Sweetspot

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



105.3150, 15.1277, -92.3613



180.2620, 5.7868, -36.1868



95.1930, -46.9301, -67.6983



88.0790, 3.4121, -21.1173



227.0000, 0.0000, 0.0000



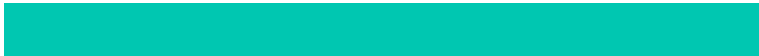
99.0000, 0.0000, 0.0000

Same Dimension

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



105.3150, 15.1277, -92.3613



136.9910, 19.7244, -120.1411



72.6200, 39.6273, -63.6877



74.4940, 0.7425, -4.8182



96.4300, 14.0850, -84.5691



8.8850, 1.0427, -7.7921

Inverse Universe

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



47.6850, -15.1277, 92.3613



62.0090, -19.7244, 120.1411



80.3800, -39.6273, 63.6877



71.5060, -0.7425, 4.8182



43.6840, -13.6482, 84.4691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 105.3150, 15.1277, -92.3613 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 105.3150, 15.1277, -92.3613 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

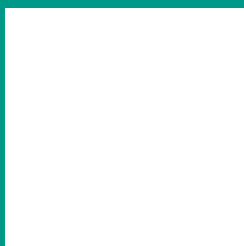
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 105.3150, 15.1277, -92.3613

Background



This preview shows how black text looks on a background with the YUV color 105.3150, 15.1277, -92.3613.



This preview shows how white text looks on a background with the YUV color 105.3150, 15.1277, -92.3613.

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

135.4690, -4.6682, 3.9737

Deuteranopia

136.6250, 2.1569, 8.2219

Tritanopia

117.7770, 21.3089, -68.2104

Trichromacy



Protanomaly

124.7850, 2.5710, -31.3834

Deuteranomaly

125.2460, 6.7807, -28.2797

Tritanomaly

112.8530, 19.2995, -77.0471

Monochromacy



Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8710, 5.4866, -33.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3150, 15.1277, -92.3613 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 136) }
```

Border

The CSS property to change the border of an element to YUV 105.3150, 15.1277, -92.3613 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, 136) }
```

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

```
.border{ border-color:rgb(0, 153, 136) }
```

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, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
136) }
```


Background

The CSS property to change the background color of an element to YUV 105.3150, 15.1277, -92.3613 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, 136) }
```

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

```
.background{ background-color: rgb(0, 153,  
136) }
```

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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