

Converting Colors

YUV(117.3630, 15.5970,
-102.9274)

Have a look what the booklet for
YUV(117.3630, 15.5970, -102.9274)
contains.

YUV(117.3630, 15.5970, -102.9274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(117.3630, 15.5970,
-102.9274)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB95
RGB	0, 171, 149
RGB Percent	0%, 67%, 58%
CMY	1.0000, 0.3294, 0.4157
CMYK	1.00, 0.00, 0.13, 0.33
HSL	172°, 100%, 34%
HSV	172°, 100%, 67%
XYZ	19.9877, 31.2957, 33.4210
YIQ	117.3630, -94.8540, -43.0940

Conversions

Conversions Part 2

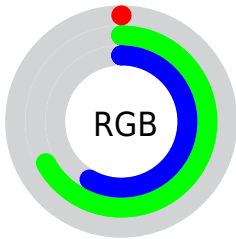
Format	Color
RYB	0, 91, 171
Decimal	43925
CIELab	62.76, -42.13, 0.88
CIELCh	63, 42.142, 178.810
Yxy	31.2957, 0.2360, 0.3695
Android (android.graphics.Color)	4278234005 (0xFF00AB95)
YUV	117.3630, 15.5970, -102.9274
Hunter-Lab	55.9426, -34.1233, 3.7390

Details

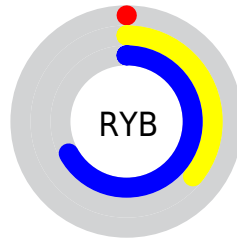
The YUV color **117.3630, 15.5970, -102.9274** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.6370, -15.5970, 102.9274**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4970, 9.1220, -79.3659**, and **80.4380, 8.6581, -70.5441** is the 20% darker color. If you saturate the color by 10%, you get **117.3630, 15.5970, -102.9274**, and if you desaturate by 10%, it is **122.6740, 13.9647, -92.6761**.

Distribution



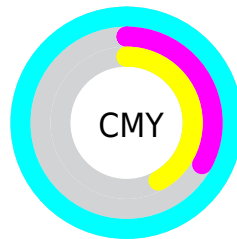
- Red (0%)
- Green (67%)
- Blue (58%)



- Red (0%)
- Yellow (36%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3630, 15.5970, -102.9274 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 117.3630, 15.5970, -102.9274 by changing the saturation by 10% instead.

■ 117.3630, 15.5970,
-102.9274

■ 117.3630, 15.5970,
-102.9274

■ 255.0000, 0.0000,
0.0000

■ 98.5500, 12.0539,
-86.4283

■ 184.4970, 9.1220,
-79.3659

■ 80.4380, 8.6581,
-70.5441

■ 213.3940, 8.6798,
-77.5215

■ 62.5540, 6.1359,
-54.8599

■ 225.1000, 14.7407,
-61.4777

■ 45.8440, 3.0349,
-40.2052

■ 234.0700, 10.3185,
-43.0344

■ 29.9490, 0.5181,
-26.2653

■ 243.3390, 5.7489,
-23.9763

■ 11.3640, -2.1515,
-9.9662

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 117.3630, 15.5970,
-102.9274

■ 122.6740, 13.9647,
-92.6761

■ 127.9850, 12.3324,
-82.4248

■ 133.4100, 11.1369,
-72.2736

■ 138.7210, 9.5045,
-62.0223

■ 144.0320, 7.8722,
-51.7711

■ 149.6420, 6.0925,
-40.9050

■ 154.9530, 4.4602,
-30.6538

■ 160.3780, 3.2646,
-20.5025

■ 165.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



138.8920, -13.2578, -41.1243



117.3630, 15.5970, -102.9274



121.1080, 32.4848, -106.2117

Triad

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



117.3630, 15.5970, -102.9274



154.4260, 30.8490, -1.2506



151.2730, -30.7006, 47.1186

Complementary

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



117.3630, 15.5970, -102.9274



53.6370, -15.5970, 102.9274

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.



152.6180, -17.0667, 60.8480



117.3630, 15.5970, -102.9274



156.4000, 17.0578, 35.6062

Square

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



117.3630, 15.5970, -102.9274



143.0500, 40.8944, -50.0328



154.4770, 0.2578, 57.4637



148.6370, -36.3030, 23.9974

Rectangle

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



117.3630, 15.5970, -102.9274



122.2140, 41.7995, -107.1817



154.4770, 0.2578, 57.4637



151.6420, -26.9385, 53.8110

Sweetspot

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



117.3630, 15.5970, -102.9274



200.9410, 5.9451, -40.2903



107.2540, -52.8762, -73.8908



99.4700, 3.7123, -24.0912



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.



117.3630, 15.5970, -102.9274



152.3160, 20.0572, -133.5811



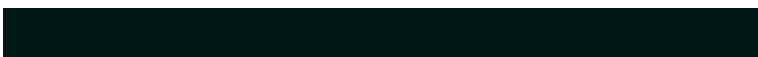
82.8900, 43.4382, -72.6945



84.1950, 0.8899, -5.4330



102.9840, 13.8119, -90.3170



15.7810, 2.0800, -13.8399

Inverse Universe

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



53.6370, -15.5970, 102.9274



69.6840, -20.0572, 133.5811



88.1100, -43.4382, 72.6945



80.8050, -0.8899, 5.4330



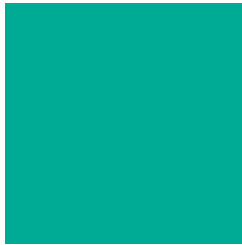
47.0160, -13.8119, 90.3170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 117.3630, 15.5970, -102.9274 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 117.3630, 15.5970, -102.9274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

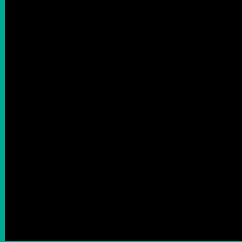
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 117.3630, 15.5970, -102.9274 Background



This preview shows how black text looks on a background with the YUV color 117.3630, 15.5970, -102.9274.



This preview shows how white text looks on a background with the YUV color 117.3630, 15.5970, -102.9274.

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

150.7250, -6.2734, 5.5032

Deuteranopia

152.2940, 0.8411, 10.2662

Tritanopia

132.3030, 23.5146, -75.6877

Trichromacy



Protanomaly

138.8340, 1.5608, -34.0574

Deuteranomaly

139.4090, 6.2074, -31.0537

Tritanomaly

126.5530, 20.9264, -85.5540

Monochromacy



Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2510, 5.7923, -37.9311

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3630, 15.5970, -102.9274 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, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 149)  
}
```

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, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 149) }
```

Border

The CSS property to change the border of an element to YUV 117.3630, 15.5970, -102.9274 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, 171, 149) }
```

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

```
.border{ border-color:rgb(0, 171, 149) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
149) }
```


Background

The CSS property to change the background color of an element to YUV 117.3630, 15.5970, -102.9274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 149) }
```

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

```
.background{ background-color: rgb(0, 171,  
149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor