

Converting Colors

YUV(118.2930, 15.1386,
-95.8500)

Have a look what the booklet for
YUV(118.2930, 15.1386, -95.8500)
contains.

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Color

**YUV(118.2930, 15.1386,
-95.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	09A895
RGB	9, 168, 149
RGB Percent	4%, 66%, 58%
CMY	0.9647, 0.3412, 0.4157
CMYK	0.95, 0.00, 0.11, 0.34
HSL	173°, 90%, 35%
HSV	173°, 95%, 66%
XYZ	19.5401, 30.2333, 33.2395
YIQ	118.2930, -88.6650, -39.6170

Conversions

Conversions Part 2

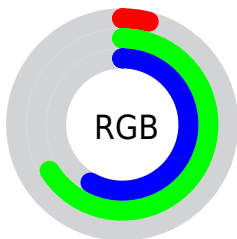
Format	Color
RYB	9, 94, 168
Decimal	632981
CIELab	61.85, -40.48, -0.43
CIELCh	62, 40.486, 180.615
Yxy	30.2333, 0.2354, 0.3642
Android (android.graphics.Color)	4278823061 (0xFF09A895)
YUV	118.2930, 15.1386, -95.8500
Hunter-Lab	54.9848, -32.7893, 2.6473

Details

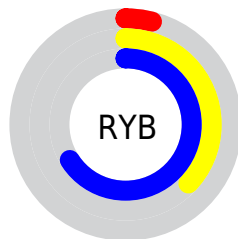
The YUV color **118.2930, 15.1386, -95.8500** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **58.7070, -15.1386, 95.8500**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0350, 9.8427, -77.2067**, and **78.6770, 9.5262, -68.9997** is the 20% darker color. If you saturate the color by 10%, you get **115.4880, 16.0284, -101.2830**, and if you desaturate by 10%, it is **123.6040, 13.5062, -85.5987**.

Distribution



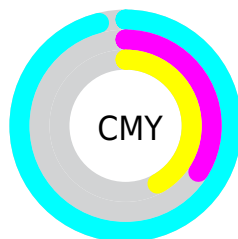
- Red (4%)
- Green (66%)
- Blue (58%)



- Red (4%)
- Yellow (37%)
- Blue (66%)



- Cyan (95%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (96%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2930, 15.1386, -95.8500 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 118.2930, 15.1386, -95.8500 by changing the saturation by 10% instead.

■ 118.2930, 15.1386,
-95.8500

■ 118.2930, 15.1386,
-95.8500

■ 255.0000, 0.0000,
0.0000

■ 96.7890, 12.9220,
-84.8840

■ 183.0350, 9.8427,
-77.2067

■ 78.6770, 9.5262,
-68.9997

■ 212.5190, 9.1111,
-75.8772

■ 61.3800, 6.7147,
-53.8303

■ 225.3990, 14.5933,
-60.8629

■ 44.0830, 3.9031,
-38.6608

■ 234.3690, 10.1711,
-42.4196

■ 28.7750, 1.0969,
-25.2357

■ 243.3390, 5.7489,
-23.9763

■ 8.4290, -0.7045,
-7.3922

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 118.2930, 15.1386,
-95.8500

■ 118.2930, 15.1386,
-95.8500

■ 115.4880, 16.0284,
-101.2830

■ 123.6040, 13.5062,
-85.5987

■ 128.9150, 11.8739,
-75.3475

■ 133.9270, 10.3890,
-65.7110

■ 139.2380, 8.7567,
-55.4597

■ 144.5490, 7.1243,
-45.2085

■ 149.8600, 5.4920,
-34.9572

■ 155.1710, 3.8597,
-24.7060

■ 160.1830, 2.3748,
-15.0695

■ 165.4940, 0.7425,
-4.8182

Harmonies

Analogous

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



136.6470, -11.6580, -40.9094



118.2930, 15.1386, -95.8500



119.1190, 32.4793, -104.4674

Triad

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



118.2930, 15.1386, -95.8500



152.2800, 28.9490, 1.5084



149.0770, -30.1110, 44.6595

Complementary

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



118.2930, 15.1386, -95.8500



58.7070, -15.1386, 95.8500

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.



150.4820, -17.4926, 57.4593



118.2930, 15.1386, -95.8500



153.9440, 15.3106, 36.0061

Square

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



118.2930, 15.1386, -95.8500



142.5130, 38.6941, -44.2999



152.1240, -1.0471, 56.0193



146.6690, -34.8398, 21.3383

Rectangle

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



118.2930, 15.1386, -95.8500



119.5240, 41.6467, -104.8225



152.1240, -1.0471, 56.0193



149.6200, -26.9277, 50.3223

Sweetspot

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



118.2930, 15.1386, -95.8500



199.9630, 5.9342, -36.8016



108.6120, -49.1087, -68.9427



98.0680, 3.4175, -22.8616



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



118.2930, 15.1386, -95.8500



150.5550, 20.9254, -132.0367



86.4130, 40.2224, -67.8912



81.4940, 0.7425, -4.8182



101.6960, 13.9539, -89.1874



13.7920, 2.0745, -12.0956

Inverse Universe

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



58.7070, -15.1386, 95.8500



68.4450, -20.9254, 132.0367



90.5870, -40.2224, 67.8912



78.5060, -0.7425, 4.8182



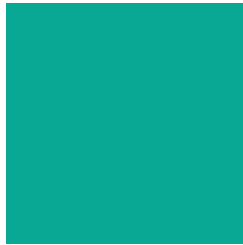
46.3040, -13.9539, 89.1874



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 118.2930, 15.1386, -95.8500 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 118.2930, 15.1386, -95.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

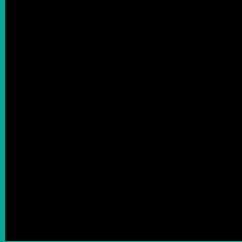
Any Text WCAG AA ✓ Pass

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 118.2930, 15.1386, -95.8500 Background



This preview shows how black text looks on a background with the YUV color 118.2930, 15.1386, -95.8500.



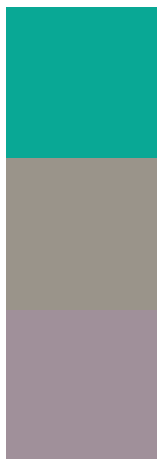
This preview shows how white text looks on a background with the YUV color 118.2930, 15.1386, -95.8500.

-95.8500.

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

118.2930, 15.1386, -95.8500

Protanopia

148.6540, -5.2524, 4.6884

Deuteranopia

149.9240, 2.0095, 8.8367



Tritanopia

129.6020, 23.3672, -75.0730

Trichromacy



Original Color

118.2930, 15.1386, -95.8500



Protanomaly

137.3720, 2.2816, -31.8982



Deuteranomaly

138.5340, 6.6387, -29.4093



Tritanomaly

125.1620, 20.6261, -82.5801

Monochromacy



Original Color

118.2930, 15.1386, -95.8500



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.8600, 5.4920, -34.9572

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2930, 15.1386, -95.8500 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(9, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(9, 168, 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(9, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 168, 149) }
```

Border

The CSS property to change the border of an element to YUV 118.2930, 15.1386, -95.8500 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(9, 168, 149) }
```


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

```
.border{ border-color:rgb(9, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(9, 168,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 118.2930, 15.1386, -95.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 168, 149) }
```

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

```
.background{ background-color: rgb(9, 168,  
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](#).

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