

Converting Colors

YUV(115.7840, 7.0085,
-101.5426)

Have a look what the booklet for
YUV(115.7840, 7.0085, -101.5426)
contains.

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Color

**YUV(115.7840, 7.0085,
-101.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	00AC82
RGB	0, 172, 130
RGB Percent	0%, 67%, 51%
CMY	1.0000, 0.3255, 0.4902
CMYK	1.00, 0.00, 0.24, 0.33
HSL	165°, 100%, 34%
HSV	165°, 100%, 67%
XYZ	18.7818, 31.1168, 26.1353
YIQ	115.7840, -89.0300, -49.5260

Conversions

Conversions Part 2

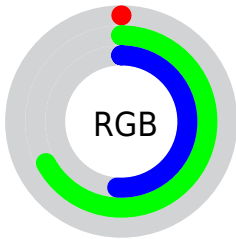
Format	Color
RYB	0, 98, 172
Decimal	44162
CIELab	62.61, -47.59, 11.23
CIELCh	63, 48.897, 166.719
Yxy	31.1168, 0.2470, 0.4092
Android (android.graphics.Color)	4278234242 (0xFF00AC82)
YUV	115.7840, 7.0085, -101.5426
Hunter-Lab	55.7824, -37.5187, 11.2690

Details

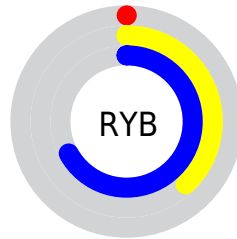
The YUV color **115.7840, 7.0085, -101.5426** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **56.2160, -7.0085, 101.5426**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5050, 0.2440, -78.4959**, and **78.5000, 1.2325, -68.8445** is the 20% darker color. If you saturate the color by 10%, you get **115.7840, 7.0085, -101.5426**, and if you desaturate by 10%, it is **121.3230, 6.2498, -91.4913**.

Distribution



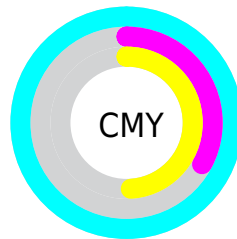
- Red (0%)
- Green (67%)
- Blue (51%)



- Red (0%)
- Yellow (38%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7840, 7.0085, -101.5426 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 115.7840, 7.0085, -101.5426 by changing the saturation by 10% instead.

■ 115.7840, 7.0085,
-101.5426

■ 115.7840, 7.0085,
-101.5426

■ 255.0000, 0.0000,
0.0000

■ 97.0850, 3.9021,
-85.1435

■ 182.5050, 0.2440,
-78.4959

■ 78.5000, 1.2325,
-68.8445

■ 210.8150, 0.0912,
-76.1368

■ 61.2030, -1.5791,
-53.6750

■ 222.9770, 7.8993,
-60.4928

■ 44.0200, -3.9539,
-38.6055

■ 233.7710, 10.4659,
-43.6492

■ 28.7120, -6.7600,
-25.1804

■ 242.7410, 6.0437,
-25.2059

■ 9.9790, -4.9196,
-8.7516

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 115.7840, 7.0085,
-101.5426

■ 121.3230, 6.2498,
-91.4913

■ 126.8620, 5.4910,
-81.4400

■ 132.8140, 5.0217,
-70.8739

■ 138.3530, 4.2630,
-60.8226

■ 143.8920, 3.5042,
-50.7713

■ 149.4310, 2.7455,
-40.7200

■ 154.9700, 1.9868,
-30.6687

■ 160.9220, 1.5175,
-20.1026

■ 166.4610, 0.7587,
-10.0513

Harmonies

Analogous

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



138.9720, -24.6362, -31.5474



115.7840, 7.0085, -101.5426



121.5010, 26.3750, -106.5564

Triad

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



115.7840, 7.0085, -101.5426



150.1440, 41.8340, -24.6823



150.3010, -29.7284, 62.0030

Complementary

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



115.7840, 7.0085, -101.5426



56.2160, -7.0085, 101.5426

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.



151.8780, -11.2789, 71.1440



115.7840, 7.0085, -101.5426



155.6790, 27.2733, 25.7145

Square

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



115.7840, 7.0085, -101.5426



121.8840, 55.7662, -106.8923



154.7790, 8.9830, 58.9528



148.4710, -41.1512, 39.0519

Rectangle

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



115.7840, 7.0085, -101.5426



123.9920, 38.4579, -108.7410



154.7790, 8.9830, 58.9528



150.5280, -23.9243, 67.0659

Sweetspot

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



115.7840, 7.0085, -101.5426



202.1430, 2.8875, -39.5904



113.8210, -56.1138, -62.1100



98.9000, 1.5283, -23.5913



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.



115.7840, 7.0085, -101.5426



150.8680, 9.4321, -132.3112



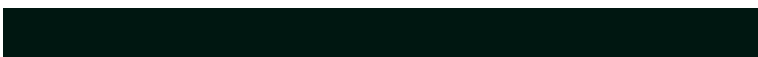
95.3310, 37.7978, -83.6053



84.0810, 0.4531, -5.3330



101.0460, 6.3863, -88.6173



15.4390, 0.7696, -13.5400

Inverse Universe

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



56.2160, -7.0085, 101.5426



73.2460, -8.9953, 132.2113



76.6690, -37.7978, 83.6053



80.9190, -0.4531, 5.3330



49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 115.7840, 7.0085, -101.5426 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 115.7840, 7.0085, -101.5426 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 115.7840, 7.0085, -101.5426

Background



This preview shows how black text looks on a background with the YUV color 115.7840, 7.0085, -101.5426.



This preview shows how white text looks on a background with the YUV color 115.7840, 7.0085,

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

149.4560, -15.0148, 9.2471

Deuteranopia

151.4490, -7.6164, 16.2692

Tritanopia

134.2930, 22.0406, -69.5400

Trichromacy



Protanomaly

137.2660, -7.0331, -30.9283

Deuteranomaly

138.5530, -2.2446, -26.7950

Tritanomaly

127.4350, 16.5475, -81.0655

Monochromacy



Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7520, 2.5873, -36.6165

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7840, 7.0085, -101.5426 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, 172, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 130)  
}
```

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, 172, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 130) }
```

Border

The CSS property to change the border of an element to YUV 115.7840, 7.0085, -101.5426 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, 172, 130) }
```

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

```
.border{ border-color:rgb(0, 172, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 172, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
130) }
```


Background

The CSS property to change the background color of an element to YUV 115.7840, 7.0085, -101.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 130) }
```

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

```
.background{ background-color: rgb(0, 172,  
130) }
```

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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