

Converting Colors

YUV(97.2450, 14.6692,
-85.2839)

Have a look what the booklet for
YUV(97.2450, 14.6692, -85.2839)
contains.

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Color

**YUV(97.2450, 14.6692,
-85.2839)**

Conversions

Conversions Part 1

Format	Color
Hex	008D7F
RGB	0, 141, 127
RGB Percent	0%, 55%, 50%
CMY	1.0000, 0.4471, 0.5020
CMYK	1.00, 0.00, 0.10, 0.45
HSL	174°, 100%, 28%
HSV	174°, 100%, 55%
XYZ	13.3556, 20.5821, 23.3475
YIQ	97.2450, -79.5420, -34.2460

Conversions

Conversions Part 2

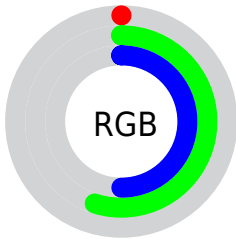
Format	Color
RYB	0, 74, 141
Decimal	36223
CIELab	52.49, -35.27, -1.62
CIELCh	52, 35.305, 182.636
Yxy	20.5821, 0.2331, 0.3593
Android (android.graphics.Color)	4278226303 (0xFF008D7F)
YUV	97.2450, 14.6692, -85.2839
Hunter-Lab	45.3675, -26.8448, 1.2448

Details

The YUV color **97.2450, 14.6692, -85.2839** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **43.7550, -14.6692, 85.2839**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4000, 9.6628, -66.1258**, and **61.7220, 8.0251, -54.1302** is the 20% darker color. If you saturate the color by 10%, you get **97.2450, 14.6692, -85.2839**, and if you desaturate by 10%, it is **101.5450, 13.0423, -76.7770**.

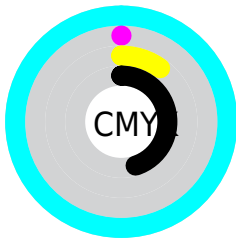
Distribution



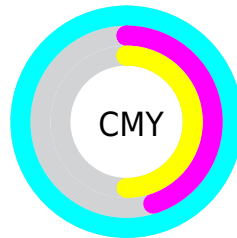
- Red (0%)
- Green (55%)
- Blue (50%)



- Red (0%)
- Yellow (29%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2450, 14.6692, -85.2839 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 97.2450, 14.6692, -85.2839 by changing the saturation by 10% instead.

97.2450, 14.6692,
-85.2839

97.2450, 14.6692,
-85.2839

255.0000, 0.0000,
0.0000

79.1330, 11.2734,
-69.3996

160.4000, 9.6628,
-66.1258

61.7220, 8.0251,
-54.1302

189.4710, 8.6418,
-65.3111

45.0120, 4.9241,
-39.4755

217.7700, 8.4944,
-64.6963

29.1170, 2.4073,
-25.5356

230.4820, 12.0874,
-50.4117

10.7600, 0.6113,
-9.4365

239.1530, 7.8126,
-32.5832

0.0000, 0.0000,
0.0000

248.1230, 3.3904,

-14.1399

■ 97.2450, 14.6692,
-85.2839

■ 101.5450, 13.0423,
-76.7770

■ 105.9590, 11.8522,
-68.3700

■ 110.2590, 10.2253,
-59.8631

■ 114.6730, 9.0352,
-51.4562

■ 119.2720, 7.2609,
-42.3345

■ 123.5720, 5.6340,
-33.8276

■ 127.9860, 4.4439,
-25.4207

■ 132.2860, 2.8170,
-16.9138

■ 136.7000, 1.6269,
-8.5069

Harmonies

Analogous

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



114.0650, -8.9060, -36.8910



97.2450, 14.6692, -85.2839



100.0780, 28.0625, -87.7684

Triad

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



97.2450, 14.6692, -85.2839



127.6240, 23.8494, 3.8378



124.7600, -26.0107, 36.1675

Complementary

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



97.2450, 14.6692, -85.2839



43.7550, -14.6692, 85.2839

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.



125.8830, -15.7183, 48.3376



97.2450, 14.6692, -85.2839



129.1130, 12.2693, 31.4729

Square

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



97.2450, 14.6692, -85.2839



120.1570, 31.9676, -33.4637



127.8410, -1.8936, 47.4974



122.4280, -29.2980, 17.1646

Rectangle

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



97.2450, 14.6692, -85.2839



100.7280, 35.6301, -88.3385



127.8410, -1.8936, 47.4974



125.1890, -23.2642, 41.9302

Sweetspot

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



97.2450, 14.6692, -85.2839



166.8710, 5.4866, -33.2129



86.9530, -42.8678, -63.9798



81.7910, 3.5540, -19.9877



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



97.2450, 14.6692, -85.2839



126.8180, 18.8237, -111.2194



65.9690, 36.9903, -57.8548



68.9070, 1.0318, -4.3034



93.1530, 14.2216, -81.6952



5.4940, 0.7425, -4.8182

Inverse Universe

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



43.7550, -14.6692, 85.2839



57.0680, -19.2605, 111.3194



75.0310, -36.9903, 57.8548



66.2070, -0.5951, 4.2035



41.8470, -14.2216, 81.6952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 97.2450, 14.6692, -85.2839 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 97.2450, 14.6692, -85.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

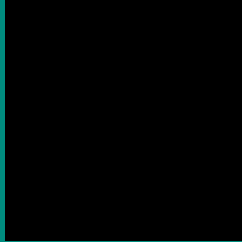
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.2450, 14.6692, -85.2839

Background



This preview shows how black text looks on a background with the YUV color 97.2450, 14.6692, -85.2839.



This preview shows how white text looks on a background with the YUV color 97.2450, 14.6692,

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

124.8110, -3.3578, 3.6738

Deuteranopia

126.0270, 2.4517, 6.9923

Tritanopia

108.7560, 19.8403, -63.8070

Trichromacy



Protanomaly

114.6220, 3.1444, -28.6095

Deuteranomaly

115.3710, 7.2121, -26.6354

Tritanomaly

104.5440, 17.9728, -71.5141

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1810, 5.3338, -30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2450, 14.6692, -85.2839 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, 141, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 127)  
}
```

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, 141, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 127) }
```

Border

The CSS property to change the border of an element to YUV 97.2450, 14.6692, -85.2839 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, 141, 127) }
```

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

```
.border{ border-color:rgb(0, 141, 127) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
127) }
```


Background

The CSS property to change the background color of an element to YUV 97.2450, 14.6692, -85.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 127) }
```

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

```
.background{ background-color: rgb(0, 141,  
127) }
```

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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