

Converting Colors

YUV(97.4390, 20.4896,
-85.4540)

Have a look what the booklet for
YUV(97.4390, 20.4896, -85.4540)
contains.

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Color

**YUV(97.4390, 20.4896,
-85.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	008B8B
RGB	0, 139, 139
RGB Percent	0%, 55%, 55%
CMY	1.0000, 0.4549, 0.4549
CMYK	1.00, 0.00, 0.00, 0.45
HSL	180°, 100%, 27%
HSV	180°, 100%, 55%
XYZ	13.8928, 20.3293, 27.6178
YIQ	97.4390, -82.8440, -29.4680

Conversions

Conversions Part 2

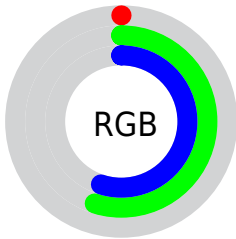
Format	Color
RYB	0, 70, 139
Decimal	35723
CIELab	52.21, -30.62, -9.00
CIELCh	52, 31.911, 196.386
Yxy	20.3293, 0.2247, 0.3287
Android (android.graphics.Color)	4278225803 (0xFF008B8B)
YUV	97.4390, 20.4896, -85.4540
Hunter-Lab	45.0880, -23.9035, -4.7553

Details

The YUV color **97.4390, 20.4896, -85.4540** is a dark color, and the websafe version is hex **009999**, and the color name is **darkcyan**. A complement of this color would be **41.5610, -20.4896, 85.4540**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8930, 15.3358, -65.6812**, and **61.8020, 13.4086, -54.2004** is the 20% darker color. If you saturate the color by 10%, you get **97.4390, 20.4896, -85.4540**, and if you desaturate by 10%, it is **101.6250, 18.4259, -76.8471**.

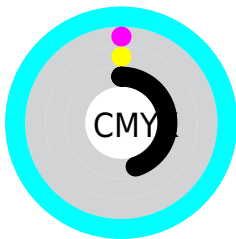
Distribution



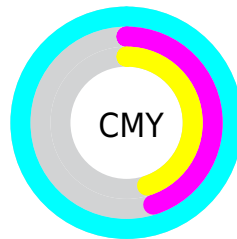
- Red (0%)
- Green (55%)
- Blue (55%)



- Red (0%)
- Yellow (27%)
- Blue (55%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 97.4390, 20.4896, -85.4540 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 97.4390, 20.4896, -85.4540 by changing the saturation by 10% instead.

97.4390, 20.4896,
-85.4540

97.4390, 20.4896,
-85.4540

255.0000, 0.0000,
0.0000

79.3270, 17.0938,
-69.5698

160.8930, 15.3358,
-65.6812

61.8020, 13.4086,
-54.2004

189.4910, 15.0409,
-64.4516

45.0920, 10.3076,
-39.5457

218.4910, 15.0409,
-64.4516

29.6700, 7.0647,
-26.0206

230.7810, 11.9400,
-49.7969

11.5410, 6.1423,
-10.1215

239.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

248.7210, 3.0955,

-12.9103

■ 97.4390, 20.4896,
-85.4540

■ 101.6250, 18.4259,
-76.8471

■ 105.8110, 16.3622,
-68.2402

■ 109.9970, 14.2985,
-59.6334

■ 114.1830, 12.2348,
-51.0265

■ 118.3690, 10.1711,
-42.4196

■ 122.2560, 8.2548,
-34.4275

■ 126.4420, 6.1911,
-25.8206

■ 130.6280, 4.1274,
-17.2138

■ 134.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



111.6000, -0.2958, -45.2532



97.4390, 20.4896, -85.4540



99.0010, 31.5515, -86.8239

Triad

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



97.4390, 20.4896, -85.4540



127.8660, 16.8281, 15.9035



123.6940, -25.9781, 25.7014

Complementary

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



97.4390, 20.4896, -85.4540



41.5610, -20.4896, 85.4540

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.



124.9160, -19.1856, 40.4157



97.4390, 20.4896, -85.4540



127.6100, 5.1223, 37.1760

Square

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



97.4390, 20.4896, -85.4540



124.3830, 25.9402, -13.4909



126.2230, -7.9979, 45.4084



121.2030, -24.7501, 5.0840

Rectangle

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



97.4390, 20.4896, -85.4540



109.5680, 31.7650, -61.8881



126.2230, -7.9979, 45.4084



123.8950, -24.1052, 31.6641

Sweetspot

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



97.4390, 20.4896, -85.4540



164.8540, 7.9600, -33.1980



81.5930, -40.2253, -71.5571



82.1330, 4.8644, -20.2876



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.



97.4390, 20.4896, -85.4540



126.8810, 26.6807, -111.2746



56.9360, 40.4576, -49.9329



66.9070, 1.0318, -4.3034



93.2330, 19.6051, -81.7653



3.5050, 0.7370, -3.0739

Inverse Universe

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



57.4070, 40.2253, 71.5571



74.7530, 52.3798, 93.1786



82.6510, -40.7469, 49.4181



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 97.4390, 20.4896, -85.4540 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 97.4390, 20.4896, -85.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

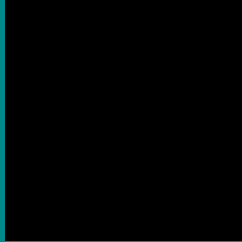
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.4390, 20.4896, -85.4540

Background



This preview shows how black text looks on a background with the YUV color 97.4390, 20.4896, -85.4540.



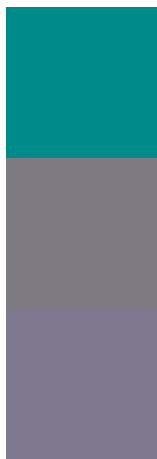
This preview shows how white text looks on a background with the YUV color 97.4390, 20.4896, -85.4540.

-85.4540.

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

97.4390, 20.4896, -85.4540

Protanopia

124.2820, 2.3260, 0.6297

Deuteranopia

125.3020, 8.7251, 1.4891



Tritanopia

105.4670, 21.4618, -70.5696

Trichromacy



Original Color

97.4390, 20.4896, -85.4540

Protanomaly

114.8050, 8.9701, -30.5240

Deuteranomaly

115.5430, 13.0433, -30.2942

Tritanomaly

102.3200, 21.0412, -75.7026

Monochromacy



Original Color

97.4390, 20.4896, -85.4540

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0500, 7.3704, -30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4390, 20.4896, -85.4540 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, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 139)  
}
```

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, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 139) }
```

Border

The CSS property to change the border of an element to YUV 97.4390, 20.4896, -85.4540 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, 139, 139) }
```


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

```
.border{ border-color:rgb(0, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 97.4390, 20.4896, -85.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 139) }
```

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

```
.background{ background-color: rgb(0, 139,  
139) }
```

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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