

Converting Colors

YUV(115.4990, 39.6870,
-82.8756)

Have a look what the booklet for
YUV(115.4990, 39.6870, -82.8756)
contains.

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Color

**YUV(115.4990, 39.6870,
-82.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	1594C4
RGB	21, 148, 196
RGB Percent	8%, 58%, 77%
CMY	0.9176, 0.4196, 0.2314
CMYK	0.89, 0.24, 0.00, 0.23
HSL	196°, 81%, 43%
HSV	196°, 89%, 77%
XYZ	20.8630, 25.3248, 56.0131
YIQ	115.4990, -91.1000, -11.9960

Conversions

Conversions Part 2

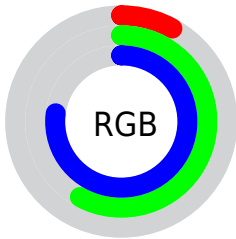
Format	Color
R_{YB}	21, 95, 196
Decimal	1414340
CIE _{Lab}	57.39, -14.73, -33.72
CIE _{LCh}	57, 36.793, 246.407
Yxy	25.3248, 0.2041, 0.2478
Android (android.graphics.Color)	4279604420 (0xFF1594C4)
YUV	115.4990, 39.6870, -82.8756
Hunter-Lab	50.3237, -14.0648, -30.7665

Details

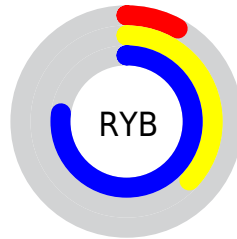
The YUV color **115.4990, 39.6870, -82.8756** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **101.5010, -39.6870, 82.8756**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9140, 37.0174, -66.5766**, and **73.1270, 33.9544, -64.1324** is the 20% darker color. If you saturate the color by 10%, you get **106.5840, 44.0821, -92.5972**, and if you desaturate by 10%, it is **124.4140, 35.2919, -73.1541**.

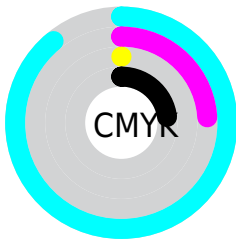
Distribution



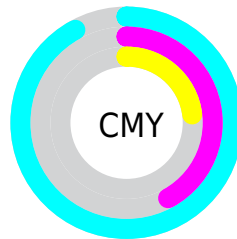
- Red (8%)
- Green (58%)
- Blue (77%)



- Red (8%)
- Yellow (37%)
- Blue (77%)



- Cyan (89%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (92%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4990, 39.6870, -82.8756 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 115.4990, 39.6870, -82.8756 by changing the saturation by 10% instead.

■ 115.4990, 39.6870,
-82.8756

■ 115.4990, 39.6870,
-82.8756

■ 255.0000, 0.0000,
0.0000

■ 90.8800, 38.5132,
-79.7018

■ 177.9140, 37.0174,
-66.5766

■ 73.1270, 33.9544,
-64.1324

■ 204.1460, 25.0710,
-61.5180

■ 56.6620, 29.2536,
-49.6926

■ 227.7910, 13.4140,
-55.9447

■ 40.3110, 24.9897,
-35.3527

■ 236.7610, 8.9918,
-37.5014

■ 25.9490, 20.7311,
-22.7573

■ 246.0300, 4.4222,
-18.4433

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 115.4990, 39.6870,
-82.8756

■ 115.4990, 39.6870,
-82.8756

■ 106.5840, 44.0821,
-92.5972

■ 124.4140, 35.2919,
-73.1541

■ 105.6980, 44.5189,
-92.6971

■ 133.6170, 30.7548,
-64.5621

■ 142.5320, 26.3597,
-54.8406

■ 151.7350, 21.8226,
-46.2486

■ 160.6500, 17.4276,
-36.5270

■ 169.5650, 13.0325,
-26.8055

■ 178.7680, 8.4954,
-18.2135

■ 187.6830, 4.1003,
-8.4920

■ 196.2990, -0.1474,
0.6148

Harmonies

Analogous

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



109.7610, 32.1628, -96.2604



115.4990, 39.6870, -82.8756



134.4070, 32.8303, -30.1749

Triad

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



115.4990, 39.6870, -82.8756



140.2930, -4.0884, 51.4860



130.9620, -22.6593, -12.2447

Complementary

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



115.4990, 39.6870, -82.8756



101.5010, -39.6870, 82.8756

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.



134.4770, -30.3082, 14.4907



115.4990, 39.6870, -82.8756



138.7970, -18.6339, 50.1670

Square

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



115.4990, 39.6870, -82.8756



141.5050, 11.0900, 36.3911



137.0760, -28.6315, 36.7673



125.1890, -6.9952, -43.1388

Rectangle

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



115.4990, 39.6870, -82.8756



139.4920, 27.3654, -3.9395



137.0760, -28.6315, 36.7673



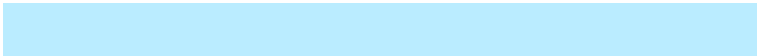
132.1050, -26.1808, -2.7231

Sweetspot

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



115.4990, 39.6870, -82.8756



223.2160, 15.6695, -32.6384



129.0830, -30.1139, -94.7888



108.6970, 9.5164, -19.0283



0.0000, 0.0000, 0.0000



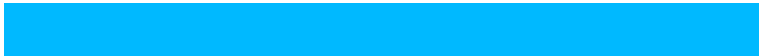
128.0000, 0.0000, 0.0000

Same Dimension

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



115.4990, 39.6870, -82.8756



137.6650, 57.8462, -120.7322



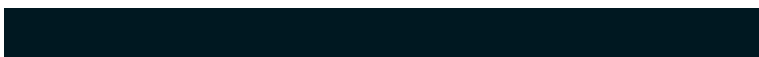
65.0170, 64.5746, -38.6029



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544

Inverse Universe

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



87.8030, 29.6771, 94.8888



97.3350, 43.2188, 138.2722



151.9830, -64.5746, 38.6029



90.7880, 1.5835, 5.4479



61.4770, 27.3728, 87.2817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 115.4990, 39.6870, -82.8756 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 115.4990, 39.6870, -82.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

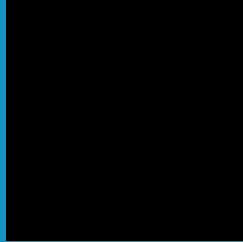
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.4990, 39.6870, -82.8756

Background



This preview shows how black text looks on a background with the YUV color 115.4990, 39.6870, -82.8756.

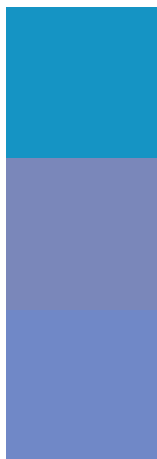


This preview shows how white text looks on a background with the YUV color 115.4990, 39.6870, -82.8756.

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

115.4990, 39.6870, -82.8756

Protanopia

136.9270, 24.1930, -13.0910

Deuteranopia

136.0060, 31.0560, -21.0533



Tritanopia

107.9200, 27.6474, -94.6458

Trichromacy



Original Color

115.4990, 39.6870, -82.8756

Protanomaly

129.2550, 29.9473, -38.8116

Deuteranomaly

128.3730, 34.3261, -43.3001

Tritanomaly

111.0930, 31.9992, -90.4126

Monochromacy



Original Color

115.4990, 39.6870, -82.8756

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1840, 14.2063, -29.9794

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4990, 39.6870, -82.8756 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(21, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(21, 148, 196)  
}
```

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(21, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 148, 196) }
```

Border

The CSS property to change the border of an element to YUV 115.4990, 39.6870, -82.8756 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(21, 148, 196) }
```


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

```
.border{ border-color:rgb(21, 148, 196) }
```

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

Here you see how a box with a 4 pixel rgb(21, 148, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 148, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 148, 196);  
box-shadow:4px 4px 4px 4px rgb(21, 148,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 115.4990, 39.6870, -82.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 148, 196) }
```

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

```
.background{ background-color: rgb(21, 148,  
196) }
```

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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