

Converting Colors

YUV(118.2860, 39.2990,
-98.4748)

Have a look what the booklet for
YUV(118.2860, 39.2990, -98.4748)
contains.

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Color

**YUV(118.2860, 39.2990,
-98.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	06A0C6
RGB	6, 160, 198
RGB Percent	2%, 63%, 78%
CMY	0.9765, 0.3725, 0.2235
CMYK	0.97, 0.19, 0.00, 0.22
HSL	192°, 94%, 40%
HSV	192°, 97%, 78%
XYZ	22.8390, 29.2575, 57.8696
YIQ	118.2860, -103.9820, -20.8300

Conversions

Conversions Part 2

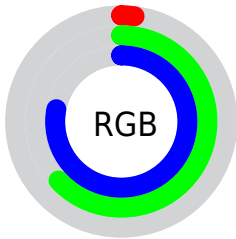
Format	Color
R_{YB}	6, 91, 198
Decimal	434374
CIE _{Lab}	61.01, -21.08, -29.23
CIE _{LCh}	61, 36.041, 234.199
Yxy	29.2575, 0.2077, 0.2661
Android (android.graphics.Color)	4278624454 (0xFF06A0C6)
YUV	118.2860, 39.2990, -98.4748
Hunter-Lab	54.0902, -19.2885, -25.5695

Details

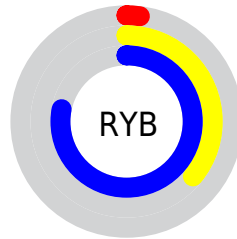
The YUV color **118.2860, 39.2990, -98.4748** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **85.7140, -39.2990, 98.4748**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1750, 34.4237, -74.6985**, and **79.8120, 31.6447, -69.9951** is the 20% darker color. If you saturate the color by 10%, you get **115.9050, 40.4728, -101.6487**, and if you desaturate by 10%, it is **126.6140, 35.1933, -88.2385**.

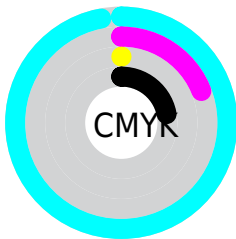
Distribution



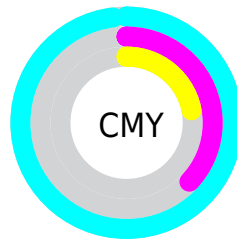
- Red (2%)
- Green (63%)
- Blue (78%)



- Red (2%)
- Yellow (36%)
- Blue (78%)



- Cyan (97%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2860, 39.2990, -98.4748 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 118.2860, 39.2990, -98.4748 by changing the saturation by 10% instead.

■ 118.2860, 39.2990,
-98.4748

■ 118.2860, 39.2990,
-98.4748

■ 255.0000, 0.0000,
0.0000

■ 98.1520, 35.9141,
-86.0793

■ 185.1750, 34.4237,
-74.6985

■ 79.8120, 31.6447,
-69.9951

■ 211.1790, 21.6038,
-69.4400

■ 62.7600, 27.2333,
-55.0405

■ 227.4920, 13.5614,
-56.5595

■ 45.8220, 23.2588,
-40.1859

■ 236.7610, 8.9918,
-37.5014

■ 30.8730, 19.2896,
-27.0756

■ 245.7310, 4.5696,
-19.0581

■ 11.8150, 17.3462,
-10.3618

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 118.2860, 39.2990,
-98.4748

■ 118.2860, 39.2990,
-98.4748

■ 115.9050, 40.4728,
-101.6487

■ 126.6140, 35.1933,
-88.2385

■ 134.9420, 31.0876,
-78.0021

■ 142.9710, 27.1293,
-68.3806

■ 151.2990, 23.0236,
-58.1442

■ 159.6270, 18.9179,
-47.9079

■ 167.9550, 14.8122,
-37.6715

■ 175.6960, 10.9959,
-26.9204

■ 183.7250, 7.0376,
-17.2988

■ 192.0530, 2.9319,
-7.0625

Harmonies

Analogous

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



115.8760, 27.6691, -101.6233



118.2860, 39.2990, -98.4748



139.4760, 34.7683, -45.1445

Triad

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



118.2860, 39.2990, -98.4748



150.8670, 2.0376, 46.5976



142.3010, -26.7704, -0.2640

Complementary

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



118.2860, 39.2990, -98.4748



85.7140, -39.2990, 98.4748

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.



145.1300, -30.6301, 24.4420



118.2860, 39.2990, -98.4748



149.3010, -12.9664, 52.3560

Square

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



118.2860, 39.2990, -98.4748



151.5190, 16.5061, 25.8548



147.4450, -24.8694, 43.4597



137.4420, -14.0219, -29.3286

Rectangle

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



118.2860, 39.2990, -98.4748



146.3160, 30.9032, -18.6941



147.4450, -24.8694, 43.4597



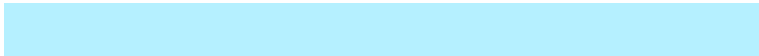
143.3730, -29.2709, 8.4429

Sweetspot

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



118.2860, 39.2990, -98.4748



224.0690, 15.2490, -37.7715



122.6940, -40.2751, -102.3406



109.2620, 9.2378, -23.0318



0.0000, 0.0000, 0.0000



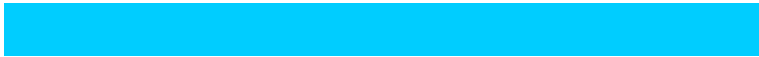
128.0000, 0.0000, 0.0000

Same Dimension

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



118.2860, 39.2990, -98.4748



149.4050, 52.0583, -131.0282



63.6950, 66.2124, -50.5985



95.1350, 1.9054, -4.5034



95.4790, 33.2879, -83.7351



21.1270, 7.3324, -18.5284

Inverse Universe

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



80.9640, 38.9647, 102.6406



99.6150, 51.9548, 136.2726



140.3050, -66.2124, 50.5985



93.4890, 1.7309, 4.8331



63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 118.2860, 39.2990, -98.4748 looks on a white background.

Color Contrast Check

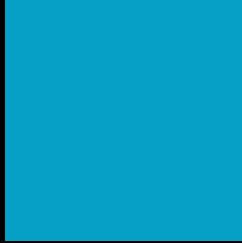
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2860, 39.2990, -98.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

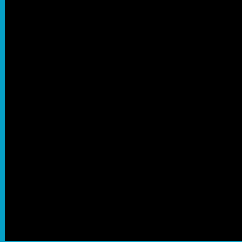
Any Text WCAG AA ✓ Pass

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 118.2860, 39.2990, -98.4748 Background



This preview shows how black text looks on a background with the YUV color 118.2860, 39.2990, -98.4748.

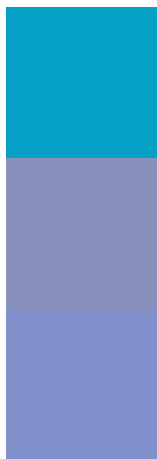


This preview shows how white text looks on a background with the YUV color 118.2860, 39.2990, -98.4748.

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

118.2860, 39.2990, -98.4748

Protanopia

147.0970, 19.6722, -9.7321

Deuteranopia

146.1270, 27.5454, -15.0204



Tritanopia

115.6310, 29.2689, -101.4084

Trichromacy



Original Color

118.2860, 39.2990, -98.4748

Protanomaly

136.4350, 26.9005, -41.6005

Deuteranomaly

136.0800, 32.0056, -45.6742

Tritanomaly

116.5540, 32.7579, -100.4639

Monochromacy



Original Color

118.2860, 39.2990, -98.4748

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8520, 14.3700, -35.8272

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2860, 39.2990, -98.4748 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(6, 160, 198)` looks like.

```
.text, #text, p{  
    color:rgb(6, 160, 198)  
}
```

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(6, 160, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 160, 198) }
```

Border

The CSS property to change the border of an element to YUV 118.2860, 39.2990, -98.4748 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(6, 160, 198) }
```


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

```
.border{ border-color:rgb(6, 160, 198) }
```

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

Here you see how a box with a 4 pixel rgb(6, 160, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 160, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 160, 198);  
box-shadow:4px 4px 4px 4px rgb(6, 160,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 118.2860, 39.2990, -98.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 160, 198) }
```

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

```
.background{ background-color: rgb(6, 160,  
198) }
```

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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