

Converting Colors

YUV(125.9490, 40.4511,
-94.6713)

Have a look what the booklet for
YUV(125.9490, 40.4511, -94.6713)
contains.

YUV(125.9490, 40.4511, -94.6713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(125.9490, 40.4511,
-94.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	12A5D0
RGB	18, 165, 208
RGB Percent	7%, 65%, 82%
CMY	0.9294, 0.3529, 0.1843
CMYK	0.91, 0.21, 0.00, 0.18
HSL	194°, 84%, 44%
HSV	194°, 91%, 82%
XYZ	25.0898, 31.5929, 64.4502
YIQ	125.9490, -101.4150, -17.7910

Conversions

Conversions Part 2

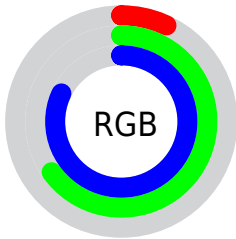
Format	Color
RYB	18, 101, 208
Decimal	1222096
CIELab	63.01, -19.80, -31.71
CIELCh	63, 37.383, 238.024
Yxy	31.5929, 0.2071, 0.2608
Android (android.graphics.Color)	4279412176 (0xFF12A5D0)
YUV	125.9490, 40.4511, -94.6713
Hunter-Lab	56.2076, -18.6851, -28.6393

Details

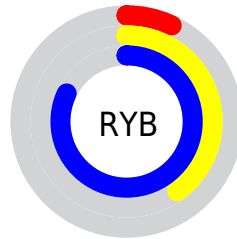
The YUV color **125.9490, 40.4511, -94.6713** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **100.0510, -40.4511, 94.6713**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6050, 32.2397, -74.1986**, and **83.7730, 34.1289, -73.4689** is the 20% darker color. If you saturate the color by 10%, you get **118.2190, 44.2620, -103.6781**, and if you desaturate by 10%, it is **135.1630, 35.9086, -84.3350**.

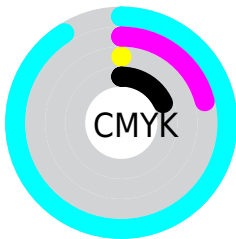
Distribution



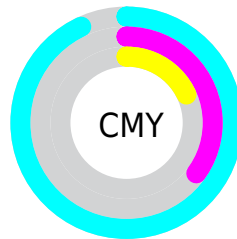
- Red (7%)
- Green (65%)
- Blue (82%)



- Red (7%)
- Yellow (40%)
- Blue (82%)



- Cyan (91%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.9490, 40.4511, -94.6713 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 125.9490, 40.4511, -94.6713 by changing the saturation by 10% instead.

■ 125.9490, 40.4511,
-94.6713

■ 125.9490, 40.4511,
-94.6713

■ 255.0000, 0.0000,
0.0000

■ 102.1130, 38.3983,
-89.5531

■ 189.6050, 32.2397,
-74.1986

■ 83.7730, 34.1289,
-73.4689

■ 216.1960, 19.1304,
-69.4549

■ 66.1340, 30.0069,
-57.9995

■ 228.9870, 12.8244,
-53.4856

■ 49.7830, 25.7430,
-43.6597

■ 238.2560, 8.2548,
-34.4275

■ 34.1330, 21.6264,
-29.9346

■ 247.5250, 3.6852,
-15.3694

■ 18.5970, 17.9467,
-16.3096

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 125.9490, 40.4511,
-94.6713

■ 125.9490, 40.4511,
-94.6713

■ 118.2190, 44.2620,
-103.6781

■ 135.1630, 35.9086,
-84.3350

■ 143.7900, 31.6555,
-73.4838

■ 152.7050, 27.2604,
-63.7623

■ 161.9190, 22.7179,
-53.4260

■ 171.1330, 18.1754,
-43.0896

■ 179.7600, 13.9223,
-32.2385

■ 188.9740, 9.3798,
-21.9022

■ 197.8890, 4.9847,
-12.1807

■ 206.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



120.0650, 31.0270, -105.2970



125.9490, 40.4511, -94.6713



145.7260, 35.6311, -41.8557

Triad

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



125.9490, 40.4511, -94.6713



155.4330, 0.2795, 50.4863



146.8660, -27.0489, -4.2675

Complementary

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



125.9490, 40.4511, -94.6713



100.0510, -40.4511, 94.6713

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.



150.3640, -32.2245, 22.4828



125.9490, 40.4511, -94.6713



154.3290, -15.4452, 54.0855

Square

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



125.9490, 40.4511, -94.6713



156.9110, 15.3269, 30.7731



152.4620, -27.3428, 43.4448



141.7510, -12.6952, -34.8616

Rectangle

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



125.9490, 40.4511, -94.6713



152.6370, 30.7450, -14.5906



152.4620, -27.3428, 43.4448



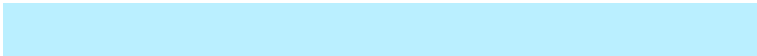
148.2370, -29.6968, 5.0542

Sweetspot

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



125.9490, 40.4511, -94.6713



224.9770, 14.8013, -34.1828



134.2040, -37.0756, -101.9109



109.8710, 8.9376, -20.0579



0.0000, 0.0000, 0.0000



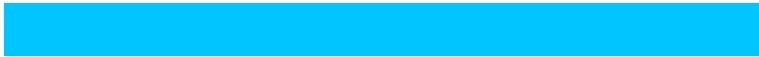
128.0000, 0.0000, 0.0000

Same Dimension

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



125.9490, 40.4511, -94.6713



144.7090, 54.3735, -126.9098



71.3580, 67.3645, -46.7950



99.9500, 2.4897, -5.2181



95.4620, 35.7612, -83.7202



23.4580, 8.6482, -20.5727

Inverse Universe

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



91.5680, 36.2020, 102.1109



98.7030, 48.4604, 137.0725



154.6420, -67.3645, 46.7950



98.2010, 1.8729, 5.9627



65.0520, 32.0194, 90.2854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 125.9490, 40.4511, -94.6713 looks on a white background.

Color Contrast Check

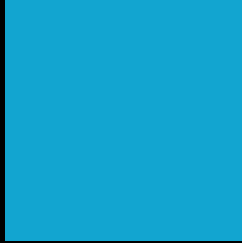
Large Text (above 18pt) WCAG AA × Fail

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 125.9490, 40.4511, -94.6713 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 125.9490, 40.4511, -94.6713 Background



This preview shows how black text looks on a background with the YUV color 125.9490, 40.4511, -94.6713.

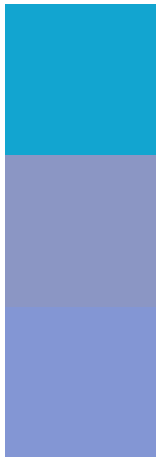


This preview shows how white text looks on a background with the YUV color 125.9490, 40.4511, -94.6713.

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

125.9490, 40.4511, -94.6713

Protanopia

151.9550, 21.7142, -11.3615

Deuteranopia

151.3870, 29.8822, -17.8794



Tritanopia

119.3640, 30.8795, -104.6822

Trichromacy



Original Color

125.9490, 40.4511, -94.6713



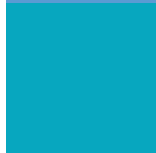
Protanomaly

142.1900, 28.5003, -41.3856



Deuteranomaly

141.9490, 34.0421, -45.5593



Tritanomaly

121.8960, 34.0683, -100.7638

Monochromacy



Original Color

125.9490, 40.4511, -94.6713



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.9770, 14.8013, -34.1828

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9490, 40.4511, -94.6713 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(18, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(18, 165, 208)  
}
```

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(18, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 165, 208) }
```

Border

The CSS property to change the border of an element to YUV 125.9490, 40.4511, -94.6713 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(18, 165, 208) }
```


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

```
.border{ border-color:rgb(18, 165, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 165, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 165, 208);  
box-shadow:4px 4px 4px 4px rgb(18, 165,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 125.9490, 40.4511, -94.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 165, 208) }
```

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

```
.background{ background-color: rgb(18, 165,  
208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor