

Converting Colors

YUV(126.9510, 34.0412,
-92.0420)

Have a look what the booklet for
YUV(126.9510, 34.0412, -92.0420)
contains.

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Color

**YUV(126.9510, 34.0412,
-92.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	16A7C4
RGB	22, 167, 196
RGB Percent	9%, 65%, 77%
CMY	0.9137, 0.3451, 0.2314
CMYK	0.89, 0.15, 0.00, 0.23
HSL	190°, 80%, 43%
HSV	190°, 89%, 77%
XYZ	24.1134, 31.7935, 57.0904
YIQ	126.9510, -95.7290, -21.7210

Conversions

Conversions Part 2

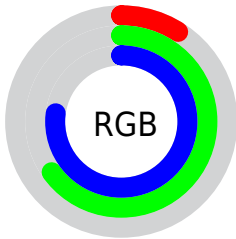
Format	Color
RYB	22, 101, 196
Decimal	1484740
CIELab	63.17, -24.73, -24.77
CIElCh	63, 35.003, 225.045
Yxy	31.7935, 0.2134, 0.2814
Android (android.graphics.Color)	4279674820 (0xFF16A7C4)
YUV	126.9510, 34.0412, -92.0420
Hunter-Lab	56.3858, -22.3394, -20.5609

Details

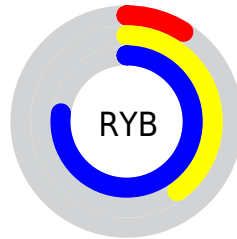
The YUV color **126.9510, 34.0412, -92.0420** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **91.0490, -34.0412, 92.0420**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5510, 30.7874, -75.0282**, and **83.6930, 28.7454, -73.3988** is the 20% darker color. If you saturate the color by 10%, you get **119.2100, 37.8575, -102.7932**, and if you desaturate by 10%, it is **134.6920, 30.2248, -81.2909**.

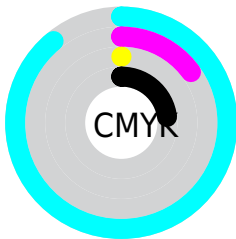
Distribution



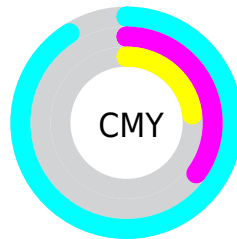
- Red (9%)
- Green (65%)
- Blue (77%)



- Red (9%)
- Yellow (40%)
- Blue (77%)



- Cyan (89%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (91%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9510, 34.0412, -92.0420 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 126.9510, 34.0412, -92.0420 by changing the saturation by 10% instead.

■ 126.9510, 34.0412,
-92.0420

■ 126.9510, 34.0412,
-92.0420

■ 255.0000, 0.0000,
0.0000

■ 101.4460, 33.3041,
-88.9681

■ 190.5510, 30.7874,
-75.0282

■ 83.6930, 28.7454,
-73.3988

■ 217.0710, 18.6990,
-71.0993

■ 66.1680, 25.0602,
-58.0293

■ 228.6880, 12.9718,
-54.1004

■ 49.2300, 21.0856,
-43.1747

■ 237.6580, 8.5496,
-35.6571

■ 32.9930, 17.2585,
-28.9349

■ 246.9270, 3.9800,
-16.5990

■ 17.5710, 14.0155,
-15.4098

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 126.9510, 34.0412,
-92.0420

■ 126.9510, 34.0412,
-92.0420

■ 119.2100, 37.8575,
-102.7932

■ 134.6920, 30.2248,
-81.2909

■ 118.0250, 38.4417,
-103.5079

■ 142.7210, 26.2665,
-71.6693

■ 150.4620, 22.4502,
-60.9182

■ 157.9040, 18.7813,
-50.7818

■ 165.6450, 14.9650,
-40.0307

■ 173.9730, 10.8593,
-29.7943

■ 181.4150, 7.1904,
-19.6580

■ 189.1560, 3.3741,
-8.9068

■ 196.5980, -0.2948,
1.2296

Harmonies

Analogous

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



129.7060, 18.8789, -82.1802



126.9510, 34.0412, -92.0420



142.5950, 34.2167, -54.8958

Triad

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



126.9510, 34.0412, -92.0420



156.6860, 6.5638, 41.4944



149.3020, -28.2499, 7.6281

Complementary

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



126.9510, 34.0412, -92.0420



91.0490, -34.0412, 92.0420

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.



152.2170, -29.1940, 30.5047



126.9510, 34.0412, -92.0420



155.4410, -8.5984, 51.3562

Square

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



126.9510, 34.0412, -92.0420



156.6750, 19.8802, 16.9480



153.6780, -21.5333, 46.7634



145.3570, -18.4170, -19.6071

Rectangle

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



126.9510, 34.0412, -92.0420



149.5920, 32.2461, -29.4602



153.6780, -21.5333, 46.7634



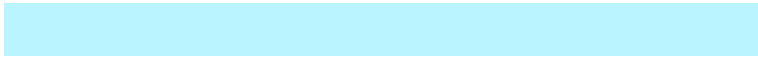
150.3030, -29.7294, 15.5203

Sweetspot

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



126.9510, 34.0412, -92.0420



227.9120, 13.3544, -36.7568



127.4440, -37.6869, -92.4744



111.6320, 8.0694, -21.6023



0.0000, 0.0000, 0.0000



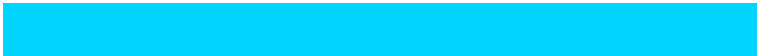
128.0000, 0.0000, 0.0000

Same Dimension

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



126.9510, 34.0412, -92.0420



153.5140, 50.0326, -134.6318



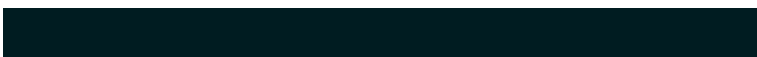
75.8820, 59.2182, -47.2545



92.8360, 2.0529, -5.1182



97.0120, 31.5461, -85.0795



20.1980, 6.3114, -17.7136

Inverse Universe

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



90.5560, 37.6869, 92.4744



100.5270, 55.4492, 135.4728



142.1180, -59.2182, 47.2545



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 126.9510, 34.0412, -92.0420 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 126.9510, 34.0412, -92.0420 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 126.9510, 34.0412, -92.0420 Background



This preview shows how black text looks on a background with the YUV color 126.9510, 34.0412, -92.0420.

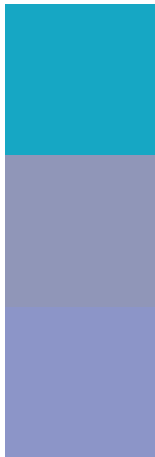


This preview shows how white text looks on a background with the YUV color 126.9510, 34.0412, -92.0420.

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

126.9510, 34.0412, -92.0420

Protanopia

152.0820, 15.7356, -7.0879

Deuteranopia

152.1230, 23.6034, -10.6319



Tritanopia

119.9510, 30.5902, -105.1970

Trichromacy



Original Color

126.9510, 34.0412, -92.0420

Protanomaly

142.9040, 22.2323, -37.6268

Deuteranomaly

143.2610, 27.4793, -40.5709

Tritanomaly

122.3260, 31.8843, -100.2639

Monochromacy



Original Color

126.9510, 34.0412, -92.0420

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2930, 12.1806, -33.5830

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9510, 34.0412, -92.0420 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(22, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(22, 167, 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(22, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 167, 196) }
```

Border

The CSS property to change the border of an element to YUV 126.9510, 34.0412, -92.0420 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(22, 167, 196) }
```


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

```
.border{ border-color:rgb(22, 167, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 167, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 167, 196);  
box-shadow:4px 4px 4px 4px rgb(22, 167,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 126.9510, 34.0412, -92.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 167, 196) }
```

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

```
.background{ background-color: rgb(22, 167,  
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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