

Converting Colors

YUV(122.7650, 36.1049,
-100.6489)

Have a look what the booklet for
YUV(122.7650, 36.1049, -100.6489)
contains.

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Color

**YUV(122.7650, 36.1049,
-100.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	08A7C4
RGB	8, 167, 196
RGB Percent	3%, 65%, 77%
CMY	0.9686, 0.3451, 0.2314
CMYK	0.96, 0.15, 0.00, 0.23
HSL	189°, 92%, 40%
HSV	189°, 96%, 77%
XYZ	23.8827, 31.6746, 57.0796
YIQ	122.7650, -104.0730, -24.6890

Conversions

Conversions Part 2

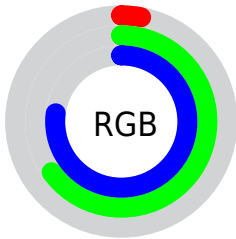
Format	Color
RYB	8, 94, 196
Decimal	567236
CIELab	63.07, -25.32, -24.93
CIELCh	63, 35.533, 224.558
Yxy	31.6746, 0.2120, 0.2812
Android (android.graphics.Color)	4278757316 (0xFF08A7C4)
YUV	122.7650, 36.1049, -100.6489
Hunter-Lab	56.2802, -22.7433, -20.7361

Details

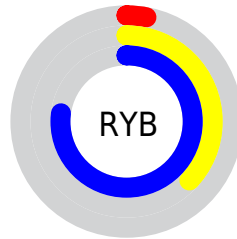
The YUV color **122.7650, 36.1049, -100.6489** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **81.2350, -36.1049, 100.6489**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3550, 31.3770, -77.4873**, and **83.6930, 28.7454, -73.3988** is the 20% darker color. If you saturate the color by 10%, you get **119.7860, 37.5735, -105.0523**, and if you desaturate by 10%, it is **130.5060, 32.2885, -89.8978**.

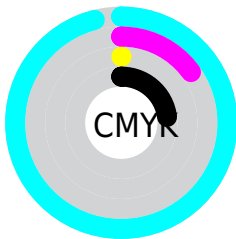
Distribution



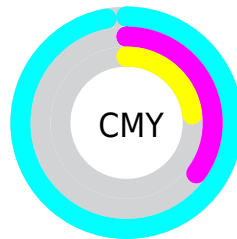
- Red (3%)
- Green (65%)
- Blue (77%)



- Red (3%)
- Yellow (37%)
- Blue (77%)



- Cyan (96%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7650, 36.1049, -100.6489 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 122.7650, 36.1049, -100.6489 by changing the saturation by 10% instead.

■ 122.7650, 36.1049,
-100.6489

■ 122.7650, 36.1049,
-100.6489

■ 255.0000, 0.0000,
0.0000

■ 101.4460, 33.3041,
-88.9681

■ 189.3550, 31.3770,
-77.4873

■ 83.6930, 28.7454,
-73.3988

■ 216.1740, 19.1412,
-72.9436

■ 66.1680, 25.0602,
-58.0293

■ 227.7910, 13.4140,
-55.9447

■ 49.2300, 21.0856,
-43.1747

■ 237.0600, 8.8444,
-36.8866

■ 32.9930, 17.2585,
-28.9349

■ 246.0300, 4.4222,
-18.4433

■ 17.5710, 14.0155,
-15.4098

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 122.7650, 36.1049,
-100.6489

■ 122.7650, 36.1049,
-100.6489

■ 119.7860, 37.5735,
-105.0523

■ 130.5060, 32.2885,
-89.8978

■ 137.9480, 28.6196,
-79.7614

■ 145.6890, 24.8033,
-69.0103

■ 153.1310, 21.1344,
-58.8739

■ 160.8720, 17.3181,
-48.1227

■ 168.6130, 13.5018,
-37.3716

■ 176.0550, 9.8329,
-27.2352

■ 183.7960, 6.0166,
-16.4841

■ 191.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



128.3960, 19.0318, -84.5393



122.7650, 36.1049, -100.6489



141.5130, 35.2431, -57.4549

Triad

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



122.7650, 36.1049, -100.6489



156.6860, 6.5638, 41.4944



149.0740, -29.1235, 7.8281

Complementary

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



122.7650, 36.1049, -100.6489



81.2350, -36.1049, 100.6489

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.



151.8150, -29.4888, 31.7342



122.7650, 36.1049, -100.6489



154.8540, -8.3090, 51.8710

Square

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



122.7650, 36.1049, -100.6489



156.7890, 20.3170, 16.8480



153.3900, -21.3913, 47.8930



145.1290, -19.2906, -19.4071

Rectangle

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



122.7650, 36.1049, -100.6489



148.9940, 32.5410, -30.6897



153.3900, -21.3913, 47.8930



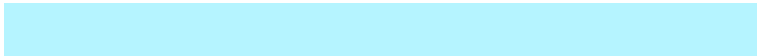
149.9010, -30.0242, 16.7498

Sweetspot

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



122.7650, 36.1049, -100.6489



226.4170, 14.0914, -39.8307



121.5480, -42.1752, -99.5816



110.4360, 8.6591, -24.0614



0.0000, 0.0000, 0.0000



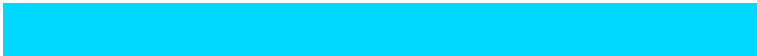
128.0000, 0.0000, 0.0000

Same Dimension

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



122.7650, 36.1049, -100.6489



155.8620, 48.8750, -136.6910



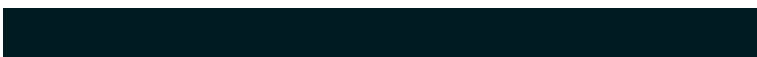
68.1740, 63.0182, -52.7726



92.8360, 2.0529, -5.1182



98.1860, 30.9673, -86.1091



20.1980, 6.3114, -17.7136

Inverse Universe

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



82.3380, 41.7384, 99.6816



100.8690, 56.7596, 135.1729



135.8260, -63.0182, 52.7726



90.9020, 2.0203, 5.3479



63.6430, 35.6720, 85.3821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 122.7650, 36.1049, -100.6489 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 122.7650, 36.1049, -100.6489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

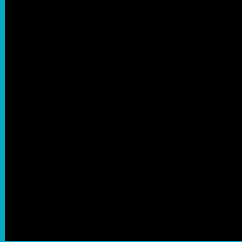
Any Text WCAG AA ✓ Pass

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 122.7650, 36.1049, -100.6489 Background



This preview shows how black text looks on a background with the YUV color 122.7650, 36.1049, -100.6489.

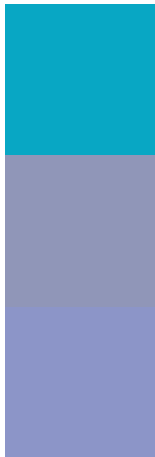


This preview shows how white text looks on a background with the YUV color 122.7650, 36.1049, -100.6489.

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

122.7650, 36.1049, -100.6489

Protanopia

152.0820, 15.7356, -7.0879

Deuteranopia

152.1230, 23.6034, -10.6319



Tritanopia

119.9510, 30.5902, -105.1970

Trichromacy



Original Color

122.7650, 36.1049, -100.6489

Protanomaly

141.4090, 22.9694, -40.7007

Deuteranomaly

141.7660, 28.2164, -43.6448

Tritanomaly

120.8310, 32.6213, -103.3378

Monochromacy



Original Color

122.7650, 36.1049, -100.6489

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9120, 13.3544, -36.7568

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7650, 36.1049, -100.6489 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(8, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(8, 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(8, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 167, 196) }
```

Border

The CSS property to change the border of an element to YUV 122.7650, 36.1049, -100.6489 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(8, 167, 196) }
```


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

```
.border{ border-color:rgb(8, 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(8, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 167, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 167, 196);  
box-shadow:4px 4px 4px 4px rgb(8, 167,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 122.7650, 36.1049, -100.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 167, 196) }
```

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

```
.background{ background-color: rgb(8, 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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