

Converting Colors

YUV(124.2660, 49.6619,
-108.9813)

Have a look what the booklet for
YUV(124.2660, 49.6619, -108.9813)
contains.

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Color

**YUV(124.2660, 49.6619,
-108.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	00A8E1
RGB	0, 168, 225
RGB Percent	0%, 66%, 88%
CMY	1.0000, 0.3412, 0.1176
CMYK	1.00, 0.25, 0.00, 0.12
HSL	195°, 100%, 44%
HSV	195°, 100%, 88%
XYZ	27.5932, 33.4415, 76.2347
YIQ	124.2660, -118.4250, -17.8890

Conversions

Conversions Part 2

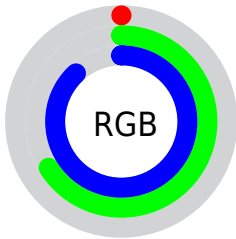
Format	Color
RYB	0, 96, 225
Decimal	43233
CIELab	64.52, -15.98, -38.77
CIELCh	65, 41.936, 247.599
Yxy	33.4415, 0.2010, 0.2436
Android (android.graphics.Color)	4278233313 (0xFF00A8E1)
YUV	124.2660, 49.6619, -108.9813
Hunter-Lab	57.8286, -16.0279, -37.6812

Details

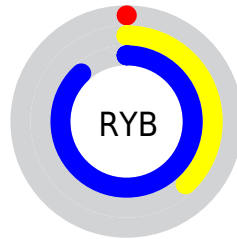
The YUV color **124.2660, 49.6619, -108.9813** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **100.7340, -49.6619, 108.9813**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6650, 31.2242, -75.1282**, and **87.3580, 40.2495, -76.6130** is the 20% darker color. If you saturate the color by 10%, you get **124.2660, 49.6619, -108.9813**, and if you desaturate by 10%, it is **134.3660, 44.6826, -98.5450**.

Distribution



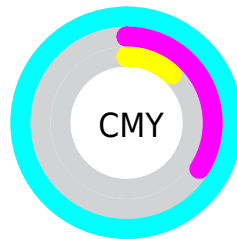
- Red (0%)
- Green (66%)
- Blue (88%)



- Red (0%)
- Yellow (38%)
- Blue (88%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (34%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2660, 49.6619, -108.9813 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 124.2660, 49.6619, -108.9813 by changing the saturation by 10% instead.

■ 124.2660, 49.6619,
-108.9813

■ 124.2660, 49.6619,
-108.9813

■ 255.0000, 0.0000,
0.0000

■ 105.8120, 44.9557,
-92.7971

■ 191.6650, 31.2242,
-75.1282

■ 87.3580, 40.2495,
-76.6130

■ 218.5550, 17.9674,
-69.7697

■ 69.7190, 36.1275,
-61.1436

■ 229.5850, 12.5296,
-52.2560

■ 53.2540, 31.4268,
-46.7038

■ 239.1530, 7.8126,
-32.5832

■ 37.4900, 26.8734,
-32.8787

■ 248.4220, 3.2430,
-13.5251

■ 23.6010, 21.8887,
-20.6981

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 124.2660, 49.6619,
-108.9813

■ 134.3660, 44.6826,
-98.5450

■ 144.1780, 39.8452,
-86.9791

■ 154.5770, 34.7185,
-75.9280

■ 164.6770, 29.7392,
-65.4917

■ 174.4890, 24.9019,
-53.9259

■ 184.5890, 19.9226,
-43.4896

■ 194.6890, 14.9433,
-33.0533

■ 205.0880, 9.8166,
-22.0022

■ 214.9000, 4.9793,
-10.4363

Harmonies

Analogous

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



125.0520, 37.4424, -109.6706



124.2660, 49.6619, -108.9813



152.4650, 38.2248, -33.7338

Triad

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



124.2660, 49.6619, -108.9813



158.7070, -5.2786, 59.8930



148.3160, -26.2848, -16.0631

Complementary

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



124.2660, 49.6619, -108.9813



100.7340, -49.6619, 108.9813

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.



152.4080, -35.6971, 16.3052



124.2660, 49.6619, -108.9813



157.3420, -21.8606, 58.4591

Square

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



124.2660, 49.6619, -108.9813



161.1900, 12.2313, 43.6834



155.1430, -33.5945, 41.9706



140.8350, -6.8207, -52.4753

Rectangle

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



124.2660, 49.6619, -108.9813



158.6430, 31.7280, -3.1949



155.1430, -33.5945, 41.9706



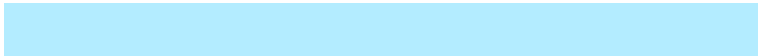
150.2420, -30.6853, -4.5972

Sweetspot

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



124.2660, 49.6619, -108.9813



221.1230, 16.7014, -36.9419



138.4590, -40.6523, -121.4285



107.2020, 10.2534, -22.1022



0.0000, 0.0000, 0.0000



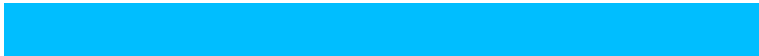
128.0000, 0.0000, 0.0000

Same Dimension

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



124.2660, 49.6619, -108.9813



140.6000, 56.3992, -123.3062



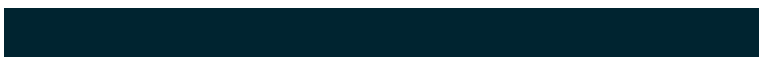
58.5220, 82.0737, -51.3238



106.9500, 2.4897, -5.2181



96.9610, 38.9662, -85.0348



26.6040, 10.5482, -23.3317

Inverse Universe

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



86.4270, 40.2155, 121.5285



97.9050, 45.4028, 137.7723



166.4780, -82.0737, 51.3238



105.2010, 1.8729, 5.9627



67.5580, 31.2769, 95.1036



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 124.2660, 49.6619, -108.9813 looks on a white background.

Color Contrast Check

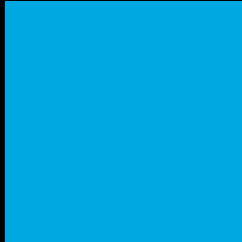
Large Text (above 18pt) WCAG AA × Fail

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 124.2660, 49.6619, -108.9813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

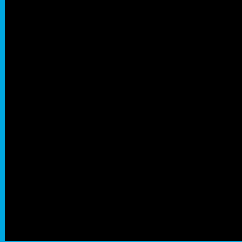
Any Text WCAG AA ✓ Pass

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 124.2660, 49.6619, -108.9813 Background



This preview shows how black text looks on a background with the YUV color 124.2660, 49.6619, -108.9813.



This preview shows how white text looks on a background with the YUV color 124.2660, 49.6619, -108.9813.

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



Protanopia

155.3550, 28.4190, -15.2203

Deuteranopia

153.7650, 36.5979, -25.2269

Tritanopia

122.7550, 31.1798, -107.6561

Trichromacy



Protanomaly

143.7960, 36.0896, -48.9331

Deuteranomaly

143.1310, 41.3474, -55.3659

Tritanomaly

123.1770, 37.8737, -108.0262

Monochromacy



Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1550, 18.1646, -39.6009

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2660, 49.6619, -108.9813 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(0, 168, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 225)  
}
```

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(0, 168, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 225) }
```

Border

The CSS property to change the border of an element to YUV 124.2660, 49.6619, -108.9813 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(0, 168, 225) }
```

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

```
.border{ border-color:rgb(0, 168, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
225) }
```


Background

The CSS property to change the background color of an element to YUV 124.2660, 49.6619, -108.9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 225) }
```

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

```
.background{ background-color: rgb(0, 168,  
225) }
```

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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