

Converting Colors

YUV(128.0340, 44.8462,
-104.3928)

Have a look what the booklet for
YUV(128.0340, 44.8462, -104.3928)
contains.

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Color

**YUV(128.0340, 44.8462,
-104.3928)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 09ABDB |
| RGB | 9, 171, 219 |
| RGB Percent | 4%, 67%, 86% |
| CMY | 0.9647, 0.3294, 0.1412 |
| CMYK | 0.96, 0.22, 0.00, 0.14 |
| HSL | 194°, 92%, 45% |
| HSV | 194°, 96%, 86% |
| XYZ | 27.4617, 34.2984, 72.1907 |
| YIQ | 128.0340, -111.9600, -19.4160 |

Conversions

Conversions Part 2

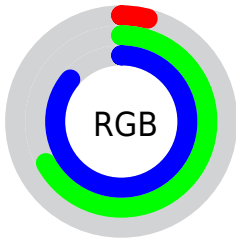
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 9, 100, 219 |
| Decimal | 633819 |
| CIE _{Lab} | 65.20, -19.45, -34.40 |
| CIE _{LCh} | 65, 39.515, 240.518 |
| Yxy | 34.2984, 0.2050, 0.2561 |
| Android (android.graphics.Color) | 4278823899 (0xFF09ABDB) |
| YUV | 128.0340, 44.8462, -104.3928 |
| Hunter-Lab | 58.5648, -18.7876, -32.0892 |

Details

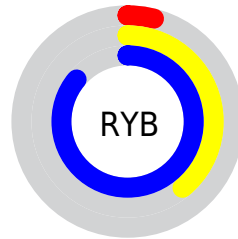
The YUV color **128.0340, 44.8462, -104.3928** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **99.9660, -44.8462, 104.3928**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4260, 30.3560, -76.6726**, and **88.5490, 37.1973, -77.6575** is the 20% darker color. If you saturate the color by 10%, you get **124.1690, 46.7517, -108.8962**, and if you desaturate by 10%, it is **137.5470, 40.1563, -93.4417**.

Distribution



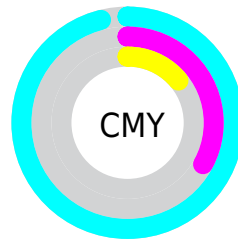
- Red (4%)
- Green (67%)
- Blue (86%)



- Red (4%)
- Yellow (39%)
- Blue (86%)



- Cyan (96%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0340, 44.8462, -104.3928 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 128.0340, 44.8462, -104.3928 by changing the saturation by 10% instead.

■ 128.0340, 44.8462,
-104.3928

■ 128.0340, 44.8462,
-104.3928

■ 255.0000, 0.0000,
0.0000

■ 106.3020, 41.7561,
-93.2269

■ 193.4260, 30.3560,
-76.6726

■ 88.5490, 37.1973,
-77.6575

■ 220.3160, 17.0992,
-71.3141

■ 70.7960, 32.6386,
-62.0881

■ 229.5850, 12.5296,
-52.2560

■ 53.8580, 28.6640,
-47.2335

■ 238.8540, 7.9600,
-33.1980

■ 38.0940, 24.1107,
-33.4084

■ 248.4220, 3.2430,
-13.5251

■ 24.2050, 19.1259,
-21.2278

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 128.0340, 44.8462,
-104.3928

■ 128.0340, 44.8462,
-104.3928

■ 124.1690, 46.7517,
-108.8962

■ 137.5470, 40.1563,
-93.4417

■ 147.0600, 35.4664,
-82.4906

■ 156.5730, 30.7765,
-71.5395

■ 166.0860, 26.0866,
-60.5884

■ 175.3000, 21.5441,
-50.2521

■ 184.8130, 16.8542,
-39.3010

■ 194.3260, 12.1643,
-28.3499

■ 203.8390, 7.4744,
-17.3988

■ 213.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



125.3140, 33.3692, -109.9004



128.0340, 44.8462, -104.3928



152.5950, 37.6677, -41.7408

Triad

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



128.0340, 44.8462, -104.3928



161.4120, -1.1891, 54.8897



152.0290, -27.6223, -7.0414

Complementary

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



128.0340, 44.8462, -104.3928



99.9660, -44.8462, 104.3928

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.



155.1960, -34.1136, 21.7531



128.0340, 44.8462, -104.3928



159.4820, -17.4926, 57.4593

Square

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



128.0340, 44.8462, -104.3928



162.6450, 15.4580, 35.3913



158.0770, -30.1110, 44.6595



145.9460, -11.8054, -40.2946

Rectangle

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



128.0340, 44.8462, -104.3928



158.7020, 32.1919, -12.0167



158.0770, -30.1110, 44.6595



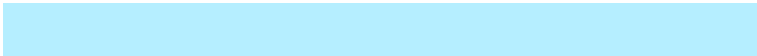
153.1720, -31.1438, 2.4802

Sweetspot

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



128.0340, 44.8462, -104.3928



222.8950, 15.8278, -36.7419



137.5140, -40.6794, -112.7068



108.0880, 9.8166, -22.0022



0.0000, 0.0000, 0.0000



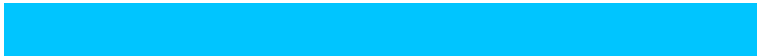
128.0000, 0.0000, 0.0000

Same Dimension

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



128.0340, 44.8462, -104.3928



144.7090, 54.3735, -126.9098



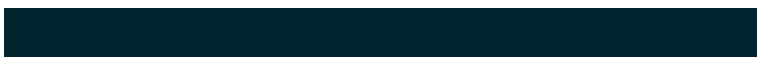
67.5730, 74.6535, -51.3685



104.9500, 2.4896, -5.2182



98.3800, 36.7877, -86.2793



25.7890, 9.9640, -22.6170

Inverse Universe

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



90.2580, 39.8058, 112.9067



98.7030, 48.4604, 137.0725



160.4270, -74.6535, 51.3685



103.2010, 1.8729, 5.9627



67.0030, 33.0295, 92.9594



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 128.0340, 44.8462, -104.3928 looks on a white background.

Color Contrast Check

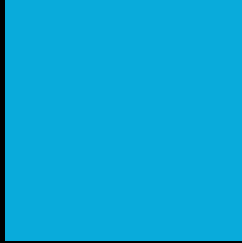
Large Text (above 18pt) WCAG AA × Fail

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 128.0340, 44.8462, -104.3928 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 128.0340, 44.8462, -104.3928 Background



This preview shows how black text looks on a background with the YUV color 128.0340, 44.8462, -104.3928.

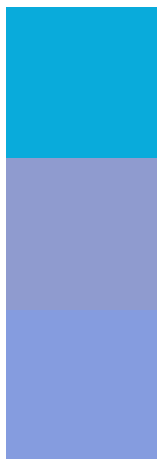


This preview shows how white text looks on a background with the YUV color 128.0340, 44.8462, -104.3928.

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

128.0340, 44.8462, -104.3928

Protanopia

157.3400, 24.4824, -12.5762

Deuteranopia

156.7610, 32.6558, -20.8384



Tritanopia

124.1570, 31.4746, -108.8857

Trichromacy



Original Color

128.0340, 44.8462, -104.3928

Protanomaly

146.6670, 31.7162, -46.1890

Deuteranomaly

146.1270, 37.4054, -50.9774

Tritanomaly

125.7210, 36.1265, -107.6263

Monochromacy



Original Color

128.0340, 44.8462, -104.3928

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2970, 16.1226, -37.9715

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0340, 44.8462, -104.3928 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(9, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(9, 171, 219)  
}
```

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(9, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 171, 219) }
```

Border

The CSS property to change the border of an element to YUV 128.0340, 44.8462, -104.3928 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(9, 171, 219) }
```


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

```
.border{ border-color:rgb(9, 171, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 171, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(9, 171,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 128.0340, 44.8462, -104.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 171, 219) }
```

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

```
.background{ background-color: rgb(9, 171,  
219) }
```

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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