

Converting Colors

YUV(124.9660, 21.2158,
-85.0392)

Have a look what the booklet for
YUV(124.9660, 21.2158, -85.0392)
contains.

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Color

**YUV(124.9660, 21.2158,
-85.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	1CA6A8
RGB	28, 166, 168
RGB Percent	11%, 65%, 66%
CMY	0.8902, 0.3490, 0.3412
CMYK	0.83, 0.01, 0.00, 0.34
HSL	181°, 71%, 38%
HSV	181°, 83%, 66%
XYZ	21.1830, 30.3465, 41.7868
YIQ	124.9660, -82.8900, -28.6340

Conversions

Conversions Part 2

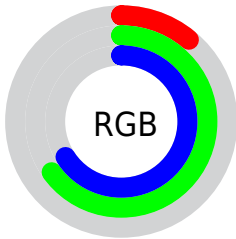
Format	Color
RYB	28, 97, 168
Decimal	1877672
CIELab	61.95, -32.85, -10.94
CIELCh	62, 34.627, 198.420
Yxy	30.3465, 0.2270, 0.3252
Android (android.graphics.Color)	4280067752 (0xFF1CA6A8)
YUV	124.9660, 21.2158, -85.0392
Hunter-Lab	55.0876, -27.7643, -6.4132




Details

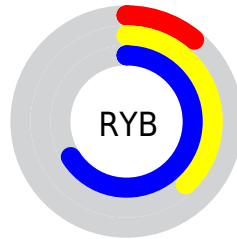
The YUV color **124.9660, 21.2158, -85.0392** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **71.0340, -21.2158, 85.0392**, and the grayscale version is **125.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **186.5330, 17.9782, -73.2584**, and **79.5550, 17.9674, -69.7697** is the 20% darker color. If you saturate the color by 10%, you get **119.8830, 23.7217, -95.4904**, and if you desaturate by 10%, it is **130.0490, 18.7098, -74.5880**.

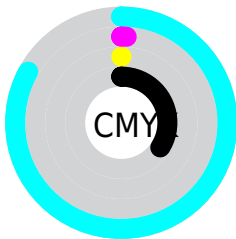
Distribution







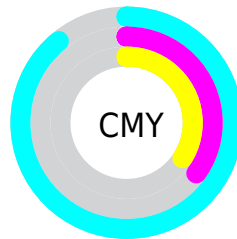
-  Red (11%)
-  Green (65%)
-  Blue (66%)






-  Red (11%)
-  Yellow (38%)
-  Blue (66%)



-  Cyan (83%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (89%)
-  Magenta (35%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9660, 21.2158, -85.0392 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 124.9660, 21.2158, -85.0392 by changing the saturation by 10% instead.

■ 124.9660, 21.2158,
-85.0392

■ 124.9660, 21.2158,
-85.0392

■ 255.0000, 0.0000,
0.0000

■ 97.7810, 21.8000,
-85.7539

■ 186.5330, 17.9782,
-73.2584

■ 79.5550, 17.9674,
-69.7697

■ 215.2450, 18.1202,
-72.1289

■ 62.1440, 14.7190,
-54.5003

■ 227.4920, 13.5614,
-56.5595

■ 45.3200, 11.1812,
-39.7456

■ 236.4620, 9.1392,
-38.1162

■ 29.8980, 7.9383,
-26.2205

■ 245.4320, 4.7170,
-19.6729

■ 11.1820, 7.3053,
-9.8066

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 124.9660, 21.2158,
-85.0392

■ 124.9660, 21.2158,
-85.0392

■ 119.8830, 23.7217,
-95.4904

■ 130.0490, 18.7098,
-74.5880

■ 116.5940, 25.3432,
-102.2529

■ 135.1320, 16.2039,
-64.1368

■ 140.5030, 13.5560,
-54.8151

■ 145.5860, 11.0501,
-44.3639

■ 150.6690, 8.5442,
-33.9127

■ 155.7520, 6.0383,
-23.4615

■ 161.4220, 3.2430,
-13.5251

■ 166.2060, 0.8844,
-3.6887

■ 171.2890, -1.6215,
6.7625

Harmonies

Analogous

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



135.0830, 0.4521, -51.8158



124.9660, 21.2158, -85.0392



125.3860, 34.3197, -88.0385

Triad

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



124.9660, 21.2158, -85.0392



153.9420, 18.2696, 20.2219



148.6080, -28.8937, 27.5308

Complementary

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



124.9660, 21.2158, -85.0392



71.0340, -21.2158, 85.0392

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.



150.1400, -22.2540, 44.6042



124.9660, 21.2158, -85.0392



153.5290, 4.6692, 42.5091

Square

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



124.9660, 21.2158, -85.0392



150.0780, 28.5555, -12.3464



151.8000, -9.7614, 51.0414



145.8070, -27.5129, 4.5543

Rectangle

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



124.9660, 21.2158, -85.0392



136.2520, 34.3858, -62.4880



151.8000, -9.7614, 51.0414



149.2930, -27.7524, 34.8230

Sweetspot

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



124.9660, 21.2158, -85.0392



202.5550, 8.1074, -33.8127



110.1800, -40.5147, -72.0719



99.5460, 5.1538, -19.7728



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



124.9660, 21.2158, -85.0392



151.7580, 33.1503, -133.0918



85.0500, 40.8944, -50.0328



81.6080, 1.1793, -4.9182



102.5740, 22.3950, -89.9574



14.0200, 2.9481, -12.2955

Inverse Universe

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



85.5920, 39.6411, 72.2718



90.1050, 62.0662, 113.0409



110.9500, -40.8943, 50.0329



79.3040, 2.3151, 4.1184



60.8960, 41.9563, 76.3902



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 124.9660, 21.2158, -85.0392 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 124.9660, 21.2158, -85.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

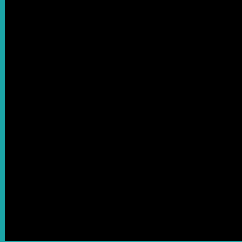
Any Text WCAG AA ✓ Pass

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 124.9660, 21.2158, -85.0392 Background



This preview shows how black text looks on a background with the YUV color 124.9660, 21.2158, -85.0392.

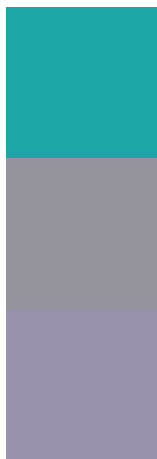


This preview shows how white text looks on a background with the YUV color 124.9660, 21.2158, -85.0392.

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

124.9660, 21.2158, -85.0392

Protanopia

149.3250, 3.7838, -0.2850

Deuteranopia

150.2850, 11.1985, 1.5041



Tritanopia

127.9220, 24.6885, -78.8616

Trichromacy



Original Color

124.9660, 21.2158, -85.0392

Protanomaly

140.7340, 9.9911, -31.3387

Deuteranomaly

141.2980, 14.6431, -30.0793

Tritanomaly

126.8570, 23.2415, -81.4356

Monochromacy



Original Color

124.9660, 21.2158, -85.0392

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1640, 7.8071, -30.8388

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9660, 21.2158, -85.0392 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(28, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(28, 166, 168)  
}
```

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(28, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 166, 168) }
```

Border

The CSS property to change the border of an element to YUV 124.9660, 21.2158, -85.0392 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(28, 166, 168) }
```


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

```
.border{ border-color:rgb(28, 166, 168) }
```

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

Here you see how a box with a 4 pixel rgb(28, 166, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(28, 166,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 124.9660, 21.2158, -85.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 166, 168) }
```

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

```
.background{ background-color: rgb(28, 166,  
168) }
```

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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