

Converting Colors

YUV(129.8510, 42.4715,
-89.3233)

Have a look what the booklet for
YUV(129.8510, 42.4715, -89.3233)
contains.

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Color

**YUV(129.8510, 42.4715,
-89.3233)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1CA5D8 |
| RGB | 28, 165, 216 |
| RGB Percent | 11%, 65%, 85% |
| CMY | 0.8902, 0.3529, 0.1529 |
| CMYK | 0.87, 0.24, 0.00, 0.15 |
| HSL | 196°, 77%, 48% |
| HSV | 196°, 87%, 85% |
| XYZ | 26.3287, 32.1150, 69.7769 |
| YIQ | 129.8510, -98.0230, -13.1830 |

Conversions

Conversions Part 2

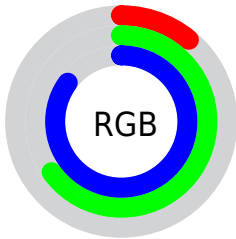
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 28, 107, 216 |
| Decimal | 1877464 |
| CIE Lab | 63.44, -16.47, -35.47 |
| CIE LCh | 63, 39.105, 245.095 |
| Yxy | 32.1150, 0.2053, 0.2505 |
| Android (android.graphics.Color) | 4280067544 (0xFF1CA5D8) |
| YUV | 129.8510, 42.4715, -89.3233 |
| Hunter-Lab | 56.6701, -16.2423, -33.3336 |

Details

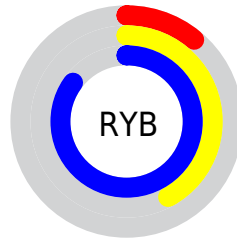
The YUV color **129.8510, 42.4715, -89.3233** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **114.1490, -42.4715, 89.3233**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1000, 31.5027, -71.1247**, and **84.6850, 37.6233, -74.2687** is the 20% darker color. If you saturate the color by 10%, you get **119.7510, 47.4508, -99.7596**, and if you desaturate by 10%, it is **139.9510, 37.4922, -78.8870**.

Distribution



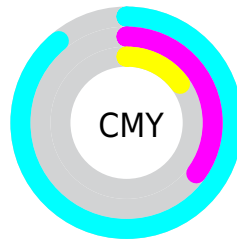
- Red (11%)
- Green (65%)
- Blue (85%)



- Red (11%)
- Yellow (42%)
- Blue (85%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (89%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8510, 42.4715, -89.3233 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 129.8510, 42.4715, -89.3233 by changing the saturation by 10% instead.

■ 129.8510, 42.4715,
-89.3233

■ 129.8510, 42.4715,
-89.3233

■ 255.0000, 0.0000,
0.0000

■ 103.0250, 41.8927,
-90.3529

■ 191.1000, 31.5027,
-71.1247

■ 84.6850, 37.6233,
-74.2687

■ 217.6910, 18.3933,
-66.3810

■ 67.6330, 33.2119,
-59.3141

■ 230.4820, 12.0874,
-50.4117

■ 50.5810, 28.8006,
-44.3595

■ 239.7510, 7.5178,
-31.3536

■ 34.8170, 24.2472,
-30.5345

■ 249.0200, 2.9481,
-12.2955

■ 21.0420, 19.6993,
-18.4538

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 129.8510, 42.4715,
-89.3233

■ 129.8510, 42.4715,
-89.3233

■ 119.7510, 47.4508,
-99.7596

■ 139.9510, 37.4922,
-78.8870

■ 116.7830, 48.9140,
-102.4187

■ 149.7520, 32.6603,
-69.0655

■ 159.8520, 27.6810,
-58.6292

■ 169.0660, 23.1385,
-48.2929

■ 179.1660, 18.1592,
-37.8566

■ 189.2660, 13.1799,
-27.4203

■ 199.0670, 8.3480,
-17.5988

■ 209.1670, 3.3687,
-7.1625

■ 218.9680, -1.4632,
2.6591

Harmonies

Analogous

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



122.3790, 34.8162, -107.3264



129.8510, 42.4715, -89.3233



149.2970, 36.3356, -34.4635

Triad

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



129.8510, 42.4715, -89.3233



156.4290, -3.6625, 54.8748



146.2780, -25.2801, -11.6448

Complementary

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



129.8510, 42.4715, -89.3233



114.1490, -42.4715, 89.3233

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.



150.6900, -33.3712, 16.9349



129.8510, 42.4715, -89.3233



154.6020, -19.5238, 55.6000

Square

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



129.8510, 42.4715, -89.3233



158.2710, 12.6844, 38.3503



152.6420, -30.3895, 40.6560



139.8360, -8.3001, -44.5832

Rectangle

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



129.8510, 42.4715, -89.3233



155.5780, 30.2810, -5.7689



152.6420, -30.3895, 40.6560



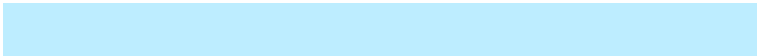
147.7200, -28.9490, -1.5084

Sweetspot

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



129.8510, 42.4715, -89.3233



224.7000, 14.9379, -31.3089



144.0560, -32.5656, -101.7811



109.5830, 9.0796, -18.9283



0.0000, 0.0000, 0.0000



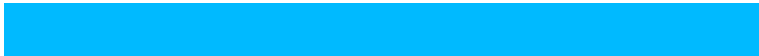
128.0000, 0.0000, 0.0000

Same Dimension

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



129.8510, 42.4715, -89.3233



138.2520, 57.5568, -121.2470



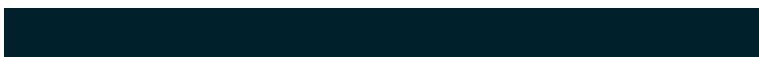
75.2600, 69.3848, -41.4470



101.9500, 2.4897, -5.2181



92.8690, 38.5186, -81.4461



23.6860, 9.5218, -20.7726

Inverse Universe

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



99.8300, 32.1288, 101.8811



97.4490, 43.6556, 138.1722



168.7400, -69.3848, 41.4470



100.2010, 1.8729, 5.9627



65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 129.8510, 42.4715, -89.3233 looks on a white background.

Color Contrast Check

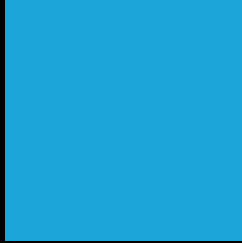
Large Text (above 18pt) WCAG AA × Fail

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 129.8510, 42.4715, -89.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

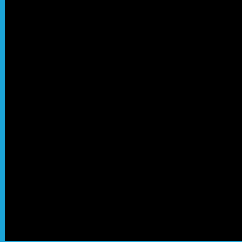
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.8510, 42.4715, -89.3233

Background



This preview shows how black text looks on a background with the YUV color 129.8510, 42.4715, -89.3233.

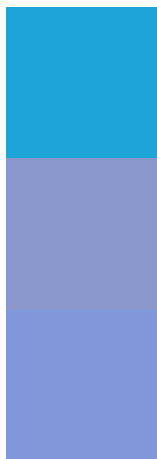


This preview shows how white text looks on a background with the YUV color 129.8510, 42.4715, -89.3233.

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

129.8510, 42.4715, -89.3233

Protanopia

152.9700, 25.6508, -14.0057

Deuteranopia

151.5760, 33.2400, -21.5532



Tritanopia

120.6520, 30.7376, -105.8118

Trichromacy



Original Color

129.8510, 42.4715, -89.3233

Protanomaly

144.4010, 31.8473, -41.5707

Deuteranomaly

143.6330, 36.6629, -46.1591

Tritanomaly

123.8360, 35.0839, -99.8342

Monochromacy



Original Color

129.8510, 42.4715, -89.3233

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1020, 15.2327, -32.5385

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8510, 42.4715, -89.3233 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, 165, 216)` looks like.

```
.text, #text, p{  
    color:rgb(28, 165, 216)  
}
```

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, 165, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 165, 216) }
```

Border

The CSS property to change the border of an element to YUV 129.8510, 42.4715, -89.3233 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, 165, 216) }
```


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

```
.border{ border-color:rgb(28, 165, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 165, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 165, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 165, 216);  
box-shadow:4px 4px 4px 4px rgb(28, 165,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 129.8510, 42.4715, -89.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 165, 216) }
```

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

```
.background{ background-color: rgb(28, 165,  
216) }
```

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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