

Converting Colors

YUV(142.8310, 12.4083,
-106.8458)

Have a look what the booklet for
YUV(142.8310, 12.4083, -106.8458)
contains.

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Color

**YUV(142.8310, 12.4083,
-106.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	15C8A8
RGB	21, 200, 168
RGB Percent	8%, 78%, 66%
CMY	0.9176, 0.2157, 0.3412
CMYK	0.89, 0.00, 0.16, 0.22
HSL	169°, 81%, 43%
HSV	169°, 89%, 78%
XYZ	28.0314, 44.2951, 44.1182
YIQ	142.8310, -96.4120, -47.9000

Conversions

Conversions Part 2

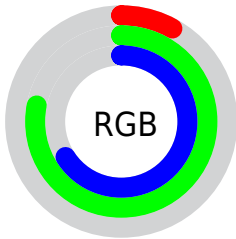
Format	Color
RYB	21, 119, 200
Decimal	1427624
CIELab	72.43, -48.33, 4.46
CIELCh	72, 48.532, 174.725
Yxy	44.2951, 0.2407, 0.3804
Android (android.graphics.Color)	4279617704 (0xFF15C8A8)
YUV	142.8310, 12.4083, -106.8458
Hunter-Lab	66.5546, -41.2900, 7.2856

Details

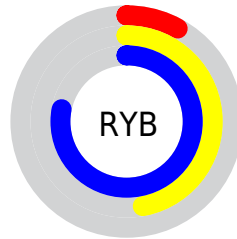
The YUV color **142.8310, 12.4083, -106.8458** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **78.1690, -12.4083, 106.8458**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8010, 7.9861, -88.4025**, and **98.3390, 8.7069, -86.2433** is the 20% darker color. If you saturate the color by 10%, you get **136.3950, 13.6093, -118.7414**, and if you desaturate by 10%, it is **149.2670, 11.2074, -94.9502**.

Distribution



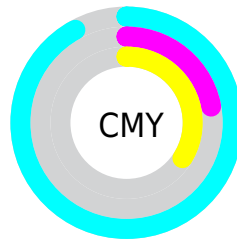
- Red (8%)
- Green (78%)
- Blue (66%)



- Red (8%)
- Yellow (47%)
- Blue (78%)



- Cyan (89%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8310, 12.4083, -106.8458 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 142.8310, 12.4083, -106.8458 by changing the saturation by 10% instead.

■ 142.8310, 12.4083,
-106.8458

■ 142.8310, 12.4083,
-106.8458

■ 255.0000, 0.0000,
0.0000

■ 117.1520, 12.2501,
-102.7423

■ 206.8010, 7.9861,
-88.4025

■ 98.3390, 8.7069,
-86.2433

■ 219.6750, 15.9362,
-71.6290

■ 79.7540, 6.0373,
-69.9443

■ 229.2860, 12.6770,
-52.8708

■ 62.3430, 2.7889,
-54.6748

■ 238.5550, 8.1074,
-33.8127

■ 45.1600, 0.4141,
-39.6053

■ 247.8240, 3.5378,
-14.7546

■ 29.8520, -2.3920,
-26.1802

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 142.8310, 12.4083,
-106.8458

■ 142.8310, 12.4083,
-106.8458

■ 136.3950, 13.6093,
-118.7414

■ 149.2670, 11.2074,
-94.9502

■ 136.0960, 13.7567,
-119.3562

■ 155.5890, 9.5696,
-82.9546

■ 162.0250, 8.3687,
-71.0589

■ 168.3470, 6.7309,
-59.0633

■ 174.7830, 5.5300,
-47.1677

■ 181.1050, 3.8922,
-35.1721

■ 187.5410, 2.6913,
-23.2765

■ 193.9770, 1.4903,
-11.3808

■ 200.2990, -0.1474,
0.6148

Harmonies

Analogous

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



163.1000, -18.7833, -42.1837



142.8310, 12.4083, -106.8458



141.6820, 35.1598, -124.2551

Triad

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



142.8310, 12.4083, -106.8458



178.8040, 37.5646, -8.5981



176.9110, -34.9591, 59.7141

Complementary

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



142.8310, 12.4083, -106.8458



78.1690, -12.4083, 106.8458

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.



177.0750, -16.7990, 68.3402



142.8310, 12.4083, -106.8458



182.6050, 22.8727, 37.1804

Square

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



142.8310, 12.4083, -106.8458



162.4820, 45.6114, -69.7057



180.9170, 2.9989, 64.9708



174.2700, -43.0241, 33.0892

Rectangle

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



142.8310, 12.4083, -106.8458



142.8850, 47.3847, -125.3101



180.9170, 2.9989, 64.9708



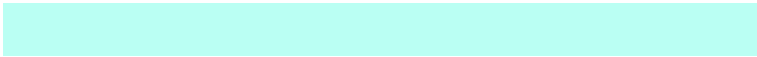
177.3230, -29.7392, 65.4917

Sweetspot

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



142.8310, 12.4083, -106.8458



233.0010, 4.9295, -41.2199



135.9400, -56.6654, -71.8614



114.8290, 2.5493, -24.4060



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.



142.8310, 12.4083, -106.8458



173.5110, 17.4961, -152.1691



113.0200, 42.8811, -80.7015



96.1950, 0.8899, -5.4330



110.9570, 11.3602, -97.3093



24.4380, 2.2491, -21.4321

Inverse Universe

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



78.1690, -12.4083, 106.8458



81.4890, -17.4961, 152.1691



107.9800, -42.8811, 80.7015



92.8050, -0.8899, 5.4330



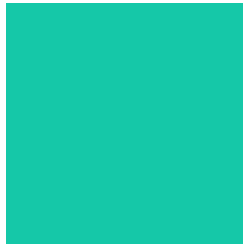
52.0430, -11.3602, 97.3093



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 142.8310, 12.4083, -106.8458 looks on a white background.

Color Contrast Check

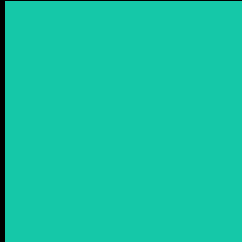
Large Text (above 18pt) WCAG AA × Fail

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 142.8310, 12.4083, -106.8458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

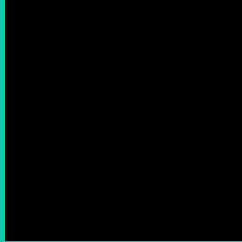
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

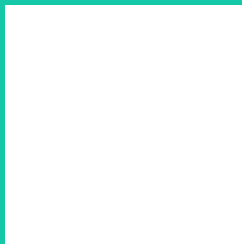
Any Text WCAG AAA ✓ Pass

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

YUV 142.8310, 12.4083, -106.8458 Background



This preview shows how black text looks on a background with the YUV color 142.8310, 12.4083, -106.8458.

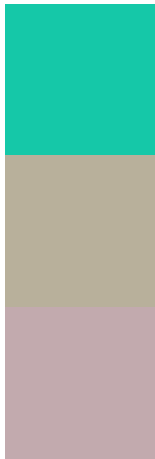


This preview shows how white text looks on a background with the YUV color 142.8310, 12.4083, -106.8458.

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

142.8310, 12.4083, -106.8458

Protanopia

175.9980, -10.3520, 7.0178

Deuteranopia

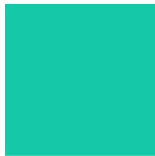
177.6320, -1.7906, 14.3547



Tritanopia

155.7580, 26.7413, -83.9798

Trichromacy



Original Color

142.8310, 12.4083, -106.8458



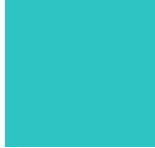
Protanomaly

164.2100, -2.0755, -34.3872



Deuteranomaly

165.0240, 3.4392, -29.8390



Tritanomaly

151.0360, 21.6743, -92.1166

Monochromacy



Original Color

142.8310, 12.4083, -106.8458



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.1970, 4.3399, -38.7608

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8310, 12.4083, -106.8458 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(21, 200, 168)` looks like.

```
.text, #text, p{  
    color:rgb(21, 200, 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(21, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 200, 168) }
```

Border

The CSS property to change the border of an element to YUV 142.8310, 12.4083, -106.8458 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(21, 200, 168) }
```


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

```
.border{ border-color:rgb(21, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 200, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 200, 168);  
box-shadow:4px 4px 4px 4px rgb(21, 200,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 142.8310, 12.4083, -106.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 200, 168) }
```

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

```
.background{ background-color: rgb(21, 200,  
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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