

Converting Colors

YUV(144.4300, 10.6340,
-97.7241)

Have a look what the booklet for
YUV(144.4300, 10.6340, -97.7241)
contains.

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Color

**YUV(144.4300, 10.6340,
-97.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	21C5A6
RGB	33, 197, 166
RGB Percent	13%, 77%, 65%
CMY	0.8706, 0.2275, 0.3490
CMYK	0.83, 0.00, 0.16, 0.23
HSL	169°, 71%, 45%
HSV	169°, 83%, 77%
XYZ	27.4764, 43.0090, 42.9298
YIQ	144.4300, -87.7930, -44.4090

Conversions

Conversions Part 2

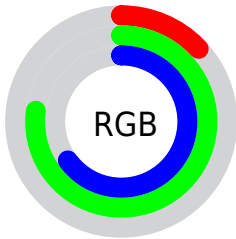
Format	Color
RYB	33, 124, 197
Decimal	2213286
CIELab	71.56, -46.81, 4.31
CIELCh	72, 47.011, 174.737
Yxy	43.0090, 0.2423, 0.3792
Android (android.graphics.Color)	4280403366 (0xFF21C5A6)
YUV	144.4300, 10.6340, -97.7241
Hunter-Lab	65.5813, -39.9816, 7.0954

Details

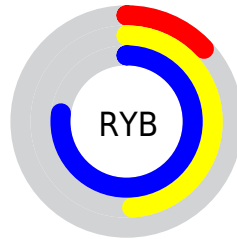
The YUV color **144.4300, 10.6340, -97.7241** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **85.5700, -10.6340, 97.7241**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7690, 6.5229, -85.7434**, and **96.3500, 8.7015, -84.4989** is the 20% darker color. If you saturate the color by 10%, you get **137.9940, 11.8350, -109.6197**, and if you desaturate by 10%, it is **150.8660, 9.4331, -85.8285**.

Distribution



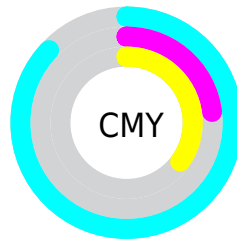
- Red (13%)
- Green (77%)
- Blue (65%)



- Red (13%)
- Yellow (49%)
- Blue (77%)



- Cyan (83%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (87%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4300, 10.6340, -97.7241 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 144.4300, 10.6340, -97.7241 by changing the saturation by 10% instead.

■ 144.4300, 10.6340,
-97.7241

■ 144.4300, 10.6340,
-97.7241

■ 255.0000, 0.0000,
0.0000

■ 115.1630, 12.2446,
-100.9980

■ 207.7690, 6.5229,
-85.7434

■ 96.3500, 8.7015,
-84.4989

■ 220.3440, 14.6204,
-69.5847

■ 78.3520, 5.7425,
-68.7147

■ 230.1830, 12.2348,
-51.0265

■ 60.3540, 2.7835,
-52.9305

■ 239.1530, 7.8126,
-32.5832

■ 43.7580, 0.1193,
-38.3758

■ 248.4220, 3.2430,
-13.5251

■ 28.5640, -2.2501,
-25.0506

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 144.4300, 10.6340,
-97.7241

■ 144.4300, 10.6340,
-97.7241

■ 137.9940, 11.8350,
-109.6197

■ 150.8660, 9.4331,
-85.8285

■ 133.8790, 12.8777,
-117.4119

■ 156.8890, 7.9427,
-74.4477

■ 163.3250, 6.7418,
-62.5520

■ 169.7610, 5.5408,
-50.6564

■ 176.1970, 4.3399,
-38.7608

■ 182.2200, 2.8495,
-27.3799

■ 188.6560, 1.6486,
-15.4843

■ 195.0920, 0.4476,
-3.5887

■ 201.2290, -0.6059,
7.6922

Harmonies

Analogous

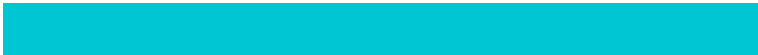
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.8120, -18.6413, -41.0541



144.4300, 10.6340, -97.7241



139.5790, 34.7176, -122.4108

Triad

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



144.4300, 10.6340, -97.7241



176.8040, 37.5646, -8.5981



174.9430, -33.4959, 57.0550

Complementary

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



144.4300, 10.6340, -97.7241



85.5700, -10.6340, 97.7241

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.



176.3740, -16.9464, 68.9550



144.4300, 10.6340, -97.7241



180.6650, 21.8572, 36.2508

Square

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



144.4300, 10.6340, -97.7241



161.6180, 46.0373, -66.3170



178.9060, 3.0043, 63.2264



172.0140, -41.4189, 31.5597

Rectangle

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



144.4300, 10.6340, -97.7241



140.5540, 46.0689, -123.2659



178.9060, 3.0043, 63.2264



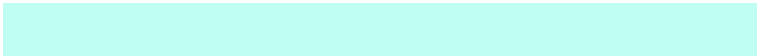
175.5400, -28.8602, 63.5474

Sweetspot

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



144.4300, 10.6340, -97.7241



234.4960, 4.1925, -38.1460



139.1350, -52.3246, -64.1394



115.4270, 2.2545, -23.1765



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.



144.4300, 10.6340, -97.7241



173.2830, 16.6225, -151.9692



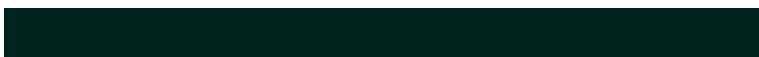
119.2010, 38.3549, -75.5983



96.1950, 0.8899, -5.4330



110.7290, 10.4866, -97.1093



24.4380, 2.2491, -21.4321

Inverse Universe

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



85.5700, -10.6340, 97.7241



81.7170, -16.6225, 151.9692



110.7990, -38.3549, 75.5983



92.8050, -0.8899, 5.4330



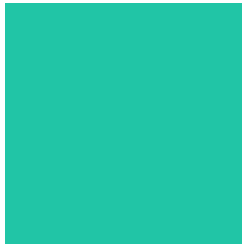
52.2710, -10.4866, 97.1093



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 144.4300, 10.6340, -97.7241 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 144.4300, 10.6340, -97.7241 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

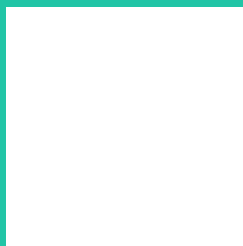
Any Text WCAG AAA ✓ Pass

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

YUV 144.4300, 10.6340, -97.7241 Background



This preview shows how black text looks on a background with the YUV color 144.4300, 10.6340, -97.7241.

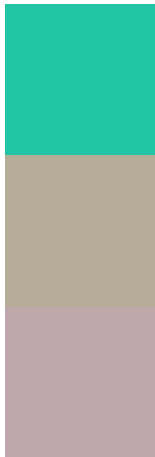


This preview shows how white text looks on a background with the YUV color 144.4300, 10.6340,

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

144.4300, 10.6340, -97.7241

Protanopia

173.4110, -10.0626, 7.5326

Deuteranopia

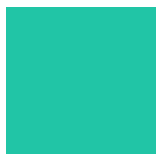
175.3330, -1.6432, 13.7400



Tritanopia

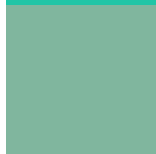
154.5520, 25.8569, -80.2911

Trichromacy



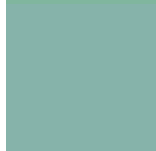
Original Color

144.4300, 10.6340, -97.7241



Protanomaly

163.1180, -2.5232, -30.7985



Deuteranomaly

164.5190, 2.7021, -26.7652



Tritanomaly

150.7270, 20.3476, -86.5836

Monochromacy



Original Color

144.4300, 10.6340, -97.7241



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.1050, 3.8922, -35.1721

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4300, 10.6340, -97.7241 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(33, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(33, 197, 166)  
}
```

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(33, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 197, 166) }
```

Border

The CSS property to change the border of an element to YUV 144.4300, 10.6340, -97.7241 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(33, 197, 166) }
```


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

```
.border{ border-color:rgb(33, 197, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 197, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(33, 197,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 144.4300, 10.6340, -97.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 197, 166) }
```

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

```
.background{ background-color: rgb(33, 197,  
166) }
```

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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