

Converting Colors

YUV(146.0280, 10.3392,
-96.4946)

Have a look what the booklet for
YUV(146.0280, 10.3392, -96.4946)
contains.

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Color

**YUV(146.0280, 10.3392,
-96.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	24C6A7
RGB	36, 198, 167
RGB Percent	14%, 78%, 65%
CMY	0.8588, 0.2235, 0.3451
CMYK	0.82, 0.00, 0.16, 0.22
HSL	169°, 69%, 46%
HSV	169°, 82%, 78%
XYZ	27.8967, 43.5533, 43.4955
YIQ	146.0280, -86.6010, -43.9850

Conversions

Conversions Part 2

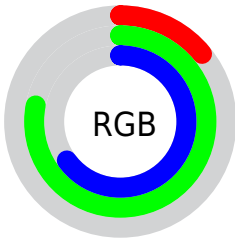
Format	Color
RYB	36, 126, 198
Decimal	2410151
CIELab	71.93, -46.72, 4.31
CIELCh	72, 46.919, 174.735
Yxy	43.5533, 0.2427, 0.3789
Android (android.graphics.Color)	4280600231 (0xFF24C6A7)
YUV	146.0280, 10.3392, -96.4946
Hunter-Lab	65.9949, -40.0374, 7.1199

Details

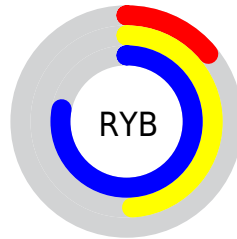
The YUV color **146.0280, 10.3392, -96.4946** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **87.9720, -10.3392, 96.4946**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1820, 6.8123, -85.2286**, and **97.0510, 8.8489, -85.1137** is the 20% darker color. If you saturate the color by 10%, you get **139.5920, 11.5401, -108.3902**, and if you desaturate by 10%, it is **152.4640, 9.1382, -84.5989**.

Distribution



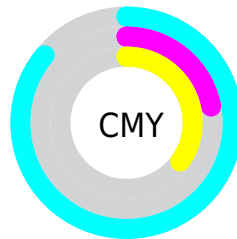
- Red (14%)
- Green (78%)
- Blue (65%)



- Red (14%)
- Yellow (49%)
- Blue (78%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (86%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0280, 10.3392, -96.4946 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 146.0280, 10.3392, -96.4946 by changing the saturation by 10% instead.

■ 146.0280, 10.3392,
-96.4946

■ 146.0280, 10.3392,
-96.4946

■ 255.0000, 0.0000,
0.0000

■ 115.8640, 12.3920,
-101.6127

■ 208.1820, 6.8123,
-85.2286

■ 97.0510, 8.8489,
-85.1137

■ 221.0560, 14.7624,
-68.4551

■ 79.0530, 5.8899,
-69.3295

■ 230.4820, 12.0874,
-50.4117

■ 61.0550, 2.9309,
-53.5452

■ 239.7510, 7.5178,
-31.3536

■ 43.8720, 0.5561,
-38.4757

■ 248.7210, 3.0955,
-12.9103

■ 28.5640, -2.2501,
-25.0506

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 146.0280, 10.3392,
-96.4946

■ 146.0280, 10.3392,
-96.4946

■ 139.5920, 11.5401,
-108.3902

■ 152.4640, 9.1382,
-84.5989

■ 134.4660, 12.5883,
-117.9267

■ 158.9000, 7.9373,
-72.7033

■ 164.9230, 6.4470,
-61.3225

■ 171.3590, 5.2460,
-49.4268

■ 177.7950, 4.0451,
-37.5312

■ 184.2310, 2.8441,
-25.6356

■ 190.6670, 1.6432,
-13.7400

■ 196.6900, 0.1528,
-2.3591

■ 203.1260, -1.0481,
9.5365

Harmonies

Analogous

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



162.8120, -18.6413, -41.0541



146.0280, 10.3392, -96.4946



140.2800, 34.8650, -123.0256

Triad

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



146.0280, 10.3392, -96.4946



178.1030, 37.4172, -7.9833



175.9430, -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.



146.0280, 10.3392, -96.4946



87.9720, -10.3392, 96.4946

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



146.0280, 10.3392, -96.4946



181.3660, 22.0046, 35.6360

Square

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



146.0280, 10.3392, -96.4946



162.8030, 45.4531, -65.6022



179.9060, 3.0043, 63.2264



173.0140, -41.4189, 31.5597

Rectangle

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



146.0280, 10.3392, -96.4946



141.2550, 46.2163, -123.8806



179.9060, 3.0043, 63.2264



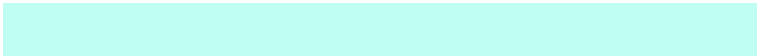
176.5400, -28.8602, 63.5474

Sweetspot

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



146.0280, 10.3392, -96.4946



234.4960, 4.1925, -38.1460



140.6620, -51.5984, -63.7246



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.



146.0280, 10.3392, -96.4946



174.7780, 15.8854, -148.8953



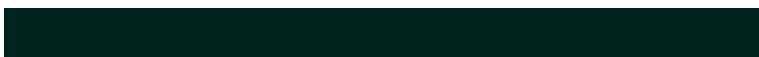
120.7990, 38.0601, -74.3687



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.



87.9720, -10.3392, 96.4946



85.2220, -15.8854, 148.8953



113.2010, -38.0601, 74.3687



92.8050, -0.8899, 5.4330



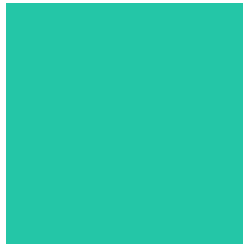
52.2710, -10.4866, 97.1093



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 146.0280, 10.3392, -96.4946 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 146.0280, 10.3392, -96.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

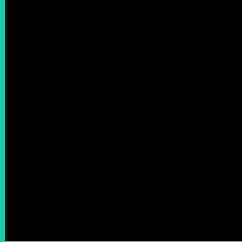
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

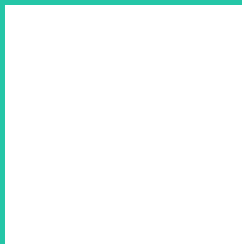
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 146.0280, 10.3392, -96.4946

Background



This preview shows how black text looks on a background with the YUV color 146.0280, 10.3392, -96.4946.

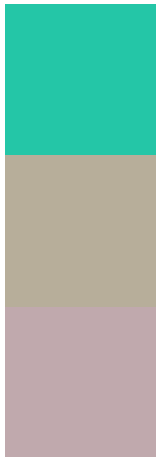


This preview shows how white text looks on a background with the YUV color 146.0280, 10.3392, -96.4946.

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

146.0280, 10.3392, -96.4946

Protanopia

174.4110, -10.0626, 7.5326

Deuteranopia

176.3330, -1.6432, 13.7400



Tritanopia

155.8510, 25.7095, -79.6763

Trichromacy



Original Color

146.0280, 10.3392, -96.4946



Protanomaly

164.4170, -2.6706, -30.1837



Deuteranomaly

165.5190, 2.7021, -26.7652



Tritanomaly

152.0260, 20.2002, -85.9688

Monochromacy



Original Color

146.0280, 10.3392, -96.4946



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1050, 3.8922, -35.1721

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0280, 10.3392, -96.4946 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(36, 198, 167)` looks like.

```
.text, #text, p{  
    color:rgb(36, 198, 167)  
}
```

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(36, 198, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 198, 167) }
```

Border

The CSS property to change the border of an element to YUV 146.0280, 10.3392, -96.4946 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(36, 198, 167) }
```


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

```
.border{ border-color:rgb(36, 198, 167) }
```

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

Here you see how a box with a 4 pixel rgb(36, 198, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 198, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 198, 167);  
box-shadow:4px 4px 4px 4px rgb(36, 198,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 146.0280, 10.3392, -96.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 198, 167) }
```

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

```
.background{ background-color: rgb(36, 198,  
167) }
```

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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