

Converting Colors

YUV(140.4800, 4.6934,
-105.6610)

Have a look what the booklet for
YUV(140.4800, 4.6934, -105.6610)
contains.

YUV(140.4800, 4.6934, -105.6610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(140.4800, 4.6934,
-105.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	14C896
RGB	20, 200, 150
RGB Percent	8%, 78%, 59%
CMY	0.9216, 0.2157, 0.4118
CMYK	0.90, 0.00, 0.25, 0.22
HSL	163°, 82%, 43%
HSV	163°, 90%, 78%
XYZ	26.4478, 43.6593, 35.8873
YIQ	140.4800, -91.2300, -53.7100

Conversions

Conversions Part 2

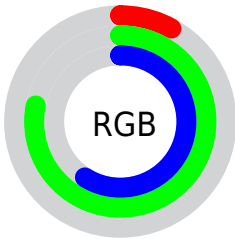
Format	Color
RYB	20, 125, 200
Decimal	1362070
CIELab	72.00, -52.88, 13.57
CIELCh	72, 54.597, 165.606
Yxy	43.6593, 0.2495, 0.4119
Android (android.graphics.Color)	4279552150 (0xFF14C896)
YUV	140.4800, 4.6934, -105.6610
Hunter-Lab	66.0752, -44.1837, 14.0505

Details

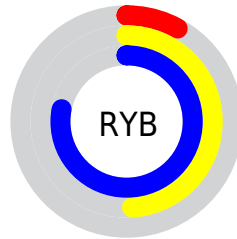
The YUV color **140.4800, 4.6934, -105.6610** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **79.5200, -4.6934, 105.6610**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3360, -0.1656, -87.1177**, and **96.4010, 1.2813, -84.5437** is the 20% darker color. If you saturate the color by 10%, you get **133.8160, 5.0207, -117.3566**, and if you desaturate by 10%, it is **147.1440, 4.3660, -93.9653**.

Distribution



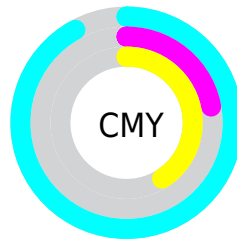
- Red (8%)
- Green (78%)
- Blue (59%)



- Red (8%)
- Yellow (49%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)




- Cyan (92%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.4800, 4.6934, -105.6610 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 140.4800, 4.6934, -105.6610 by changing the saturation by 10% instead.


 140.4800, 4.6934,
-105.6610


 140.4800, 4.6934,
-105.6610


255.0000, 0.0000,
0.0000

 115.1000, 4.3877,
-100.9427


 204.3360, -0.1656,
-87.1177

 96.4010, 1.2813,
-84.5437


 217.0960, 7.3477,
-70.2442


 77.8160, -1.3883,
-68.2446


 228.9870, 12.8244,
-53.4856

 59.9320, -3.9105,
-52.5604

 237.9570, 8.4022,
-35.0423

 42.8630, -5.8485,
-37.5909

 247.2260, 3.8326,
-15.9842

 27.3270, -9.5282,
-23.9658

 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 140.4800, 4.6934,
-105.6610

■ 140.4800, 4.6934,
-105.6610

■ 133.8160, 5.0207,
-117.3566

■ 147.1440, 4.3660,
-93.9653

■ 153.6940, 3.6019,
-82.1696

■ 160.3580, 3.2745,
-70.4740

■ 166.9080, 2.5104,
-58.6783

■ 173.5720, 2.1830,
-46.9826

■ 180.1220, 1.4189,
-35.1870

■ 186.7860, 1.0915,
-23.4913

■ 193.3360, 0.3274,
-11.6957

■ 200.0000, 0.0000,
0.0000

Harmonies

Analogous

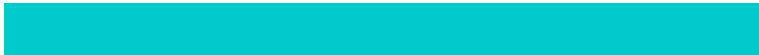
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.8100, -28.9933, -34.0364



140.4800, 4.6934, -105.6610



141.6020, 29.7762, -124.1850

Triad

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



140.4800, 4.6934, -105.6610



172.1820, 40.8293, -29.1006



174.7320, -33.3919, 70.3950

Complementary

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



140.4800, 4.6934, -105.6610



79.5200, -4.6934, 105.6610

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.



172.2310, -9.9739, 72.5884



140.4800, 4.6934, -105.6610



181.6560, 32.2146, 27.4887

Square

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



140.4800, 4.6934, -105.6610



140.0130, 56.6886, -122.7914



179.8060, 11.4346, 65.9451



173.3210, -46.9933, 46.1995

Rectangle

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



140.4800, 4.6934, -105.6610



143.9620, 43.8957, -126.2547



179.8060, 11.4346, 65.9451



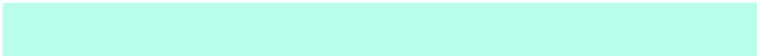
172.8060, -25.5404, 72.0841

Sweetspot

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



140.4800, 4.6934, -105.6610



232.2030, 1.8719, -40.5200



140.9090, -59.6081, -61.3102



114.3730, 0.8021, -24.0061



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.



140.4800, 4.6934, -105.6610



170.6610, 6.5761, -149.6697



123.2870, 37.8195, -90.5827



96.0810, 0.4531, -5.3330



109.1330, 4.3714, -95.7096



24.0960, 0.9387, -21.1322

Inverse Universe

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



79.5200, -4.6934, 105.6610



84.3390, -6.5761, 149.6697



96.7130, -37.8195, 90.5827



92.9190, -0.4531, 5.3330



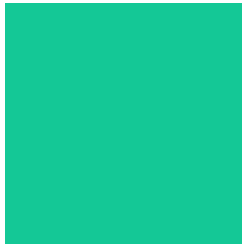
53.8670, -4.3714, 95.7096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 140.4800, 4.6934, -105.6610 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 140.4800, 4.6934, -105.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

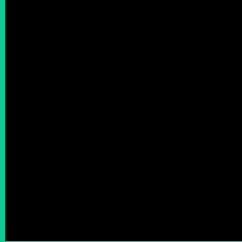
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

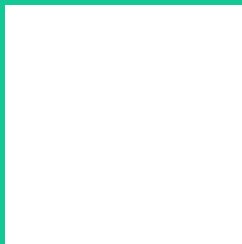
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.4800, 4.6934, -105.6610

Background



This preview shows how black text looks on a background with the YUV color 140.4800, 4.6934, -105.6610.



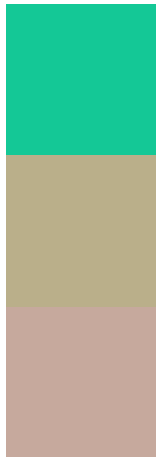
This preview shows how white text looks on a background with the YUV color 140.4800, 4.6934,

-105.6610.

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

140.4800, 4.6934, -105.6610

Protanopia

174.0710, -17.7830, 10.4617

Deuteranopia

176.3030, -9.5164, 19.0283



Tritanopia

156.1500, 25.5621, -79.0615

Trichromacy



Original Color

140.4800, 4.6934, -105.6610



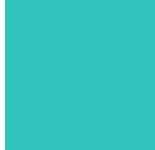
Protanomaly

161.8700, -9.7959, -31.4580



Deuteranomaly

162.9830, -4.4286, -26.2951



Tritanomaly

150.4340, 18.0270, -88.9576

Monochromacy



Original Color

140.4800, 4.6934, -105.6610



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.2140, 1.8665, -38.7757

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4800, 4.6934, -105.6610 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(20, 200, 150)` looks like.

```
.text, #text, p{  
    color:rgb(20, 200, 150)  
}
```

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(20, 200, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 200, 150) }
```

Border

The CSS property to change the border of an element to YUV 140.4800, 4.6934, -105.6610 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(20, 200, 150) }
```


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

```
.border{ border-color:rgb(20, 200, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 200, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 200, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 200, 150);  
box-shadow:4px 4px 4px 4px rgb(20, 200,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 140.4800, 4.6934, -105.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 200, 150) }
```

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

```
.background{ background-color: rgb(20, 200,  
150) }
```

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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