

Converting Colors

YUV(143.3720, -14.9734,
-97.6732)

Have a look what the booklet for
YUV(143.3720, -14.9734, -97.6732)
contains.

YUV(143.3720, -14.9734, -97.6732)	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(143.3720, -14.9734,
-97.6732)**

Conversions

Conversions Part 1

Format	Color
Hex	20CE71
RGB	32, 206, 113
RGB Percent	13%, 81%, 44%
CMY	0.8745, 0.1922, 0.5569
CMYK	0.84, 0.00, 0.45, 0.19
HSL	148°, 73%, 47%
HSV	148°, 84%, 81%
XYZ	25.6476, 45.6419, 23.0808
YIQ	143.3720, -73.8510, -65.8110

Conversions

Conversions Part 2

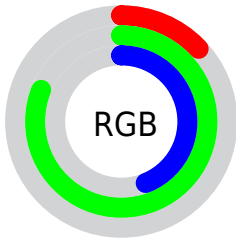
Format	Color
RYB	32, 151, 206
Decimal	2150001
CIELab	73.31, -61.87, 34.74
CIELCh	73, 70.951, 150.687
Yxy	45.6419, 0.2718, 0.4836
Android (android.graphics.Color)	4280340081 (0xFF20CE71)
YUV	143.3720, -14.9734, -97.6732
Hunter-Lab	67.5588, -50.4633, 27.0353

Details

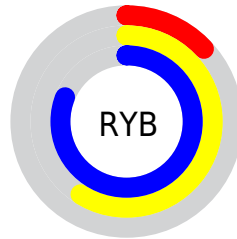
The YUV color **143.3720, -14.9734, -97.6732** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **94.6280, 14.9734, 97.6732**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4990, -17.5010, -80.2446**, and **95.2320, -15.8904, -83.5185** is the 20% darker color. If you saturate the color by 10%, you get **135.8390, -16.6826, -109.4838**, and if you desaturate by 10%, it is **150.9050, -13.2642, -85.8627**.

Distribution



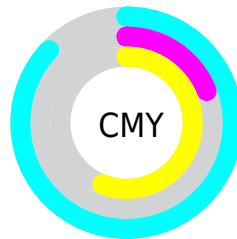
- Red (13%)
- Green (81%)
- Blue (44%)



- Red (13%)
- Yellow (59%)
- Blue (81%)



- Cyan (84%)
- Magenta (0%)
- Yellow (45%)
- Black (19%)



- Cyan (87%)
- Magenta (19%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.3720, -14.9734, -97.6732 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 143.3720, -14.9734, -97.6732 by changing the saturation by 10% instead.

■ 143.3720,
-14.9734, -97.6732

■ 143.3720,
-14.9734, -97.6732

■ 255.0000, 0.0000,
0.0000

■ 114.5180,
-13.0734, -100.4323

■ 201.4990,
-17.5010, -80.2446

■ 95.2320, -15.8904,
-83.5185

■ 214.1450,
-10.4245, -63.2712

■ 76.6470, -18.5600,
-67.2194

■ 226.7200, -2.3270,
-47.1124

■ 58.4210, -22.3926,
-51.2352

■ 238.9960, 5.9180,
-31.5685

■ 42.2640, -20.8362,
-37.0655

■ 248.7210, 3.0955,
-12.9103

■ 28.7630, -14.1802,
-25.2252

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 143.3720,
-14.9734, -97.6732

■ 143.3720,
-14.9734, -97.6732

■ 135.8390,
-16.6826, -109.4838

■ 150.9050,
-13.2642, -85.8627


■ 131.8660,
-17.6819, -115.6465

■ 158.1390,
-11.4075, -74.6669

■ 165.6720, -9.6983,
-62.8563


■ 172.9060, -7.8417,
-51.6606

■ 180.4390, -6.1324,
-39.8500

 187.9720, -4.4232,
-28.0394

 195.2060, -2.5666,
-16.8437

 202.7390, -0.8573,
-5.0331

 209.9730, 0.9993,
6.1627

Harmonies

Analogous

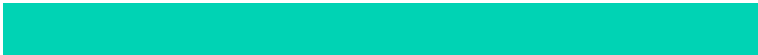
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.6170, -53.0552, -16.3271



143.3720, -14.9734, -97.6732



144.3770, 17.5621, -126.6186

Triad

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



143.3720, -14.9734, -97.6732



138.8390, 57.2674, -121.7618



164.1320, -23.2361, 79.6912

Complementary

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



143.3720, -14.9734, -97.6732



94.6280, 14.9734, 97.6732

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.



165.5580, 7.6129, 78.4406



143.3720, -14.9734, -97.6732



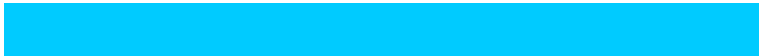
178.2830, 37.8215, 2.3828

Square

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



143.3720, -14.9734, -97.6732



148.2310, 52.6371, -129.9986



182.8330, 30.6483, 63.2905



172.7650, -53.6211, 72.1201

Rectangle

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



143.3720, -14.9734, -97.6732



149.3930, 36.7813, -131.0177



182.8330, 30.6483, 63.2905



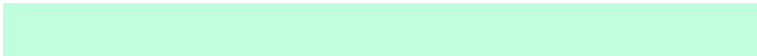
163.0040, -12.3270, 80.6805

Sweetspot

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



143.3720, -14.9734, -97.6732



231.9880, -5.4171, -35.9465



162.8420, -64.5051, -30.5564



113.9450, -3.4239, -21.8768



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.



143.3720, -14.9734, -97.6732



163.2510, -21.8157, -143.1711



152.9480, 21.7176, -106.0714



98.4400, -0.7099, -5.6479



106.2200, -14.4055, -93.1549



24.3580, -3.1345, -21.3620

Inverse Universe

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



94.6280, 14.9734, 97.6732



91.7490, 21.8157, 143.1711



85.0520, -21.7176, 106.0714



95.5600, 0.7099, 5.6479



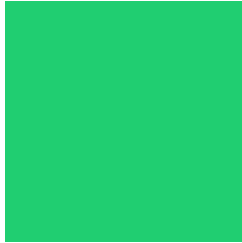
59.7800, 14.4055, 93.1549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 143.3720, -14.9734, -97.6732 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 143.3720, -14.9734, -97.6732 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 143.3720, -14.9734, -97.6732 Background



This preview shows how black text looks on a background with the YUV color 143.3720, -14.9734, -97.6732.

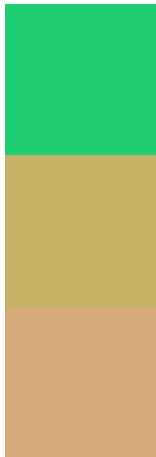


This preview shows how white text looks on a background with the YUV color 143.3720, -14.9734, -97.6732.

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

143.3720, -14.9734, -97.6732

Protanopia

175.4190, -35.7026, 18.0495

Deuteranopia

177.9720, -27.5942, 30.7196



Tritanopia

163.0370, 23.6458, -71.0694

Trichromacy



Original Color

143.3720, -14.9734, -97.6732



Protanomaly

163.8050, -28.0049, -24.3850



Deuteranomaly

165.5270, -22.9378, -16.2482



Tritanomaly

155.8990, 9.4168, -80.5954

Monochromacy



Original Color

143.3720, -14.9734, -97.6732



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.2870, -5.5645, -35.3317

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.3720, -14.9734, -97.6732 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(32, 206, 113)` looks like.

```
.text, #text, p{  
    color:rgb(32, 206, 113)  
}
```

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(32, 206, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 206, 113) }
```

Border

The CSS property to change the border of an element to YUV 143.3720, -14.9734, -97.6732 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(32, 206, 113) }
```


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

```
.border{ border-color:rgb(32, 206, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 206, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 206, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 206, 113);  
box-shadow:4px 4px 4px 4px rgb(32, 206,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 143.3720, -14.9734, -97.6732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 206, 113) }
```

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

```
.background{ background-color: rgb(32, 206,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor