

Converting Colors

YUV(199.5340, -13.5743,
-32.9173)

Have a look what the booklet for
YUV(199.5340, -13.5743, -32.9173)
contains.

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Color

**YUV(199.5340, -13.5743,
-32.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E0AC
RGB	162, 224, 172
RGB Percent	64%, 88%, 67%
CMY	0.3647, 0.1216, 0.3255
CMYK	0.28, 0.00, 0.23, 0.12
HSL	130°, 50%, 76%
HSV	130°, 28%, 88%
XYZ	49.0023, 63.9712, 48.7947
YIQ	199.5340, -20.2600, -29.3160

Conversions

Conversions Part 2

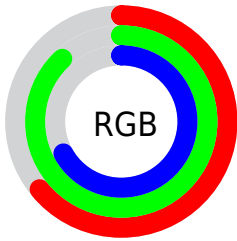
Format	Color
RYB	162, 215, 224
Decimal	10674348
CIELab	83.95, -29.90, 19.28
CIELCh	84, 35.574, 147.185
Yxy	63.9712, 0.3029, 0.3954
Android (android.graphics.Color)	4288864428 (0xFFA2E0AC)
YUV	199.5340, -13.5743, -32.9173
Hunter-Lab	79.9820, -30.6075, 19.8163

Details

The YUV color **199.5340, -13.5743, -32.9173** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186.4660, 13.5743, 32.9173**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8590, -6.3395, -20.0473**, and **144.8870, -12.2693, -31.4729** is the 20% darker color. If you saturate the color by 10%, you get **190.7900, -18.6305, -44.5428**, and if you desaturate by 10%, it is **208.2780, -8.5181, -21.2918**.

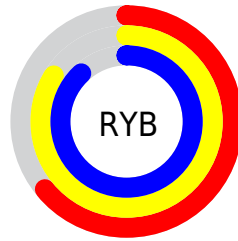
Distribution



Red (64%)

Green (88%)

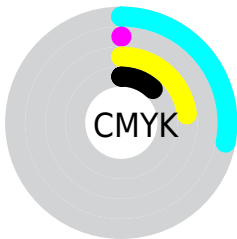
Blue (67%)



Red (64%)

Yellow (84%)

Blue (88%)

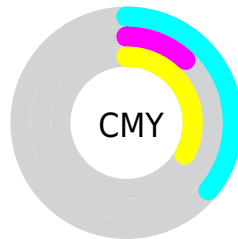


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (36%)

Magenta (12%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5340, -13.5743, -32.9173 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 199.5340, -13.5743, -32.9173 by changing the saturation by 10% instead.

■ 199.5340,
-13.5743, -32.9173

■ 199.5340,
-13.5743, -32.9173

255.0000, 0.0000,
0.0000

■ 171.9470,
-13.2849, -32.4025

■ 240.8590, -6.3395,
-20.0473

■ 144.8870,
-12.2693, -31.4729

■ 252.6080, 1.1793,
-4.9182

■ 119.0010,
-11.8325, -31.5729

■ 93.2290, -10.9589,
-31.7728

■ 68.1580, -9.9379,
-32.5876

■ 42.2930, -8.0324,
-37.0910

■ 25.9420, -12.2964,

-22.7511

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 199.5340,
-13.5743, -32.9173

■ 199.5340,
-13.5743, -32.9173

■ 190.7900,
-18.6305, -44.5428

■ 208.2780, -8.5181,
-21.2918

■ 181.7470,
-23.5393, -56.7831

■ 217.3210, -3.6093,
-9.0515

■ 173.1170,
-28.1587, -68.5086

■ 225.9510, 1.0102,
2.6740

■ 164.0740,
-33.0675, -80.7489

■ 234.9940, 5.9190,
14.9143

■ 155.3300,
-38.1237, -92.3744

■ 236.8030, 8.9711,
15.9588

■ 146.5860,
-43.1799, -103.9999

■ 137.5430,
-48.0887, -116.2402

■ 135.5920,
-49.0989, -118.9142

Harmonies

Analogous

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



204.4640, -27.3438, -3.0379



199.5340, -13.5743, -32.9173



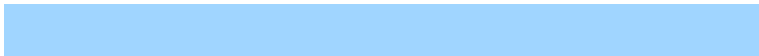
194.2820, 5.2840, -61.6373

Triad

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



199.5340, -13.5743, -32.9173



201.9410, 26.1581, -36.7823



205.9470, -12.7919, 43.0195

Complementary

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



199.5340, -13.5743, -32.9173



186.4660, 13.5743, 32.9173

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.



209.2360, 2.3487, 40.1350



199.5340, -13.5743, -32.9173



210.4340, 21.9710, -0.3806

Square

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



199.5340, -13.5743, -32.9173



193.7690, 30.1869, -69.0804



214.6120, 15.4743, 30.1583



208.2660, -26.7531, 40.9857

Rectangle

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



199.5340, -13.5743, -32.9173



191.2230, 18.1311, -75.6176



214.6120, 15.4743, 30.1583



206.6140, -7.6977, 42.4345

Sweetspot

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



199.5340, -13.5743, -32.9173



247.0820, -4.4774, -10.5959



214.2410, -25.7548, 0.6656



122.8590, -2.8885, -6.8923



0.0000, 0.0000, 0.0000



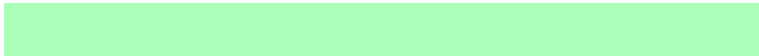
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.5340, -13.5743, -32.9173



221.7900, -18.6305, -44.5428



202.9540, -0.4703, -35.9167



107.6850, -2.3097, -5.8627



106.5040, -38.7025, -93.4040



29.0880, -10.3964, -25.5102

Inverse Universe

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



186.4660, 13.5743, 32.9173



204.0960, 18.1937, 44.6428



183.0460, 0.4703, 35.9167



105.3150, 2.3097, 5.8627



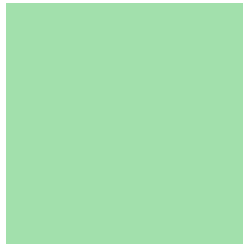
69.4960, 38.7025, 93.4040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 199.5340, -13.5743, -32.9173 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 199.5340, -13.5743, -32.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

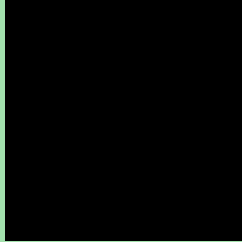
Any Text WCAG AA ✓ Pass

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 199.5340, -13.5743, -32.9173 Background



This preview shows how black text looks on a background with the YUV color 199.5340, -13.5743, -32.9173.



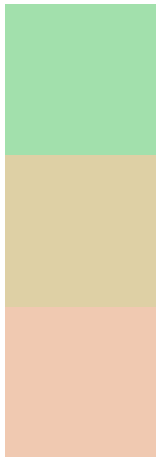
This preview shows how white text looks on a background with the YUV color 199.5340, -13.5743, -32.9173.

-32.9173.

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

199.5340, -13.5743, -32.9173

Protanopia

207.2840, -20.8460, 12.9059

Deuteranopia

209.9250, -16.2320, 26.3758



Tritanopia

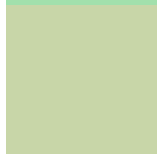
205.0810, 13.7641, -28.1350

Trichromacy



Original Color

199.5340, -13.5743, -32.9173



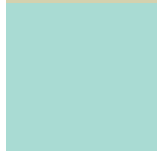
Protanomaly

204.5700, -18.0290, -4.0079



Deuteranomaly

206.0210, -15.2934, 5.2436



Tritanomaly

203.1380, 3.8760, -29.9390

Monochromacy



Original Color

199.5340, -13.5743, -32.9173



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9570, -4.9088, -12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5340, -13.5743, -32.9173 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(162, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(162, 224, 172)  
}
```

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(162, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 224, 172) }
```

Border

The CSS property to change the border of an element to YUV 199.5340, -13.5743, -32.9173 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(162, 224, 172) }
```


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

```
.border{ border-color:rgb(162, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(162, 224,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 199.5340, -13.5743, -32.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 224, 172) }
```

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

```
.background{ background-color: rgb(162,  
224, 172) }
```

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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