

Converting Colors

YUV(202.2520, -15.9002,
-33.5470)

Have a look what the booklet for
YUV(202.2520, -15.9002, -33.5470)
contains.

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Color

**YUV(202.2520, -15.9002,
-33.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E4AA
RGB	164, 228, 170
RGB Percent	64%, 89%, 67%
CMY	0.3569, 0.1059, 0.3333
CMYK	0.28, 0.00, 0.25, 0.11
HSL	126°, 54%, 77%
HSV	126°, 28%, 89%
XYZ	50.3089, 66.2816, 48.1723
YIQ	202.2520, -19.5260, -31.6060

Conversions

Conversions Part 2

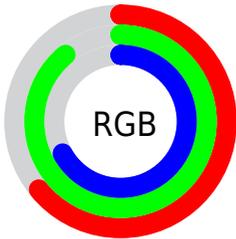
Format	Color
RYB	164, 223, 228
Decimal	10806442
CIELab	85.14, -31.49, 21.98
CIELCh	85, 38.404, 145.083
Yxy	66.2816, 0.3053, 0.4023
Android (android.graphics.Color)	4288996522 (0xFFA4E4AA)
YUV	202.2520, -15.9002, -33.5470
Hunter-Lab	81.4135, -32.1707, 21.9076

Details

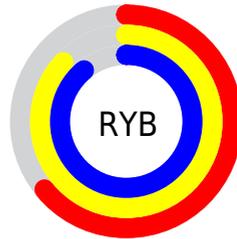
The YUV color **202.2520, -15.9002, -33.5470** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **189.7480, 15.9002, 33.5470**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1150, -7.9447, -18.5179**, and **147.3060, -14.4479, -32.7174** is the 20% darker color. If you saturate the color by 10%, you get **192.9810, -21.6826, -45.5873**, and if you desaturate by 10%, it is **211.5230, -10.1178, -21.5067**.

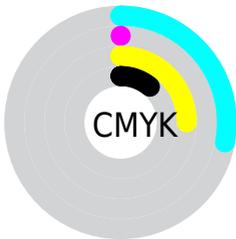
Distribution



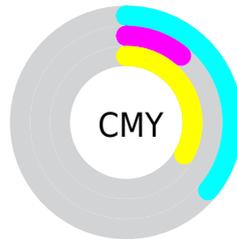
- Red (64%)
- Green (89%)
- Blue (67%)



- Red (64%)
- Yellow (87%)
- Blue (89%)



- Cyan (28%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.2520, -15.9002, -33.5470 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 202.2520, -15.9002, -33.5470 by changing the saturation by 10% instead.

■ 202.2520,
-15.9002, -33.5470

■ 202.2520,
-15.9002, -33.5470

255.0000, 0.0000,
0.0000

■ 174.6650,
-15.6108, -33.0322

■ 241.1150, -7.9447,
-18.5179

■ 147.3060,
-14.4479, -32.7174

■ 253.0920, 0.4476,
-3.5887

■ 120.8330,
-13.7217, -32.3025

■ 95.3600, -12.9955,
-31.8877

■ 69.9900, -11.8271,
-33.3172

■ 43.8260, -9.7742,
-38.4354

■ 27.5890, -13.6014,

-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 202.2520,
-15.9002, -33.5470

■ 202.2520,
-15.9002, -33.5470

■ 192.9810,
-21.6826, -45.5873

■ 211.5230,
-10.1178, -21.5067

■ 183.8240,
-27.0282, -57.7276

■ 220.6800, -4.7722,
-9.3664

■ 174.8520,
-32.9580, -69.1532

■ 229.6520, 1.1576,
2.0592

■ 165.5810,
-38.7404, -81.1935

■ 238.9230, 6.9400,
14.0995

■ 156.4240,
-44.0860, -93.3338

■ 239.1510, 7.8136,
13.8996

■ 147.1530,
-49.8684, -105.3742

■ 137.8820,
-55.6508, -117.4145

■ 136.2300,
-56.8084, -119.4737

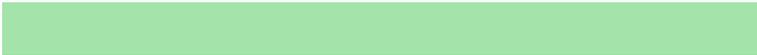
Harmonies

Analogous

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



207.3780, -30.2594, -1.2085



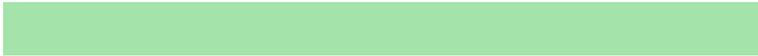
202.2520, -15.9002, -33.5470



195.7330, 4.5686, -65.5408

Triad

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



202.2520, -15.9002, -33.5470



203.0820, 25.5956, -43.0449



206.9900, -11.3341, 42.1048

Complementary

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



202.2520, -15.9002, -33.5470



189.7480, 15.9002, 33.5470

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.



210.5070, 4.6800, 39.0204



202.2520, -15.9002, -33.5470



211.8960, 21.2503, -2.5398

Square

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



202.2520, -15.9002, -33.5470



193.4150, 30.3614, -78.4170



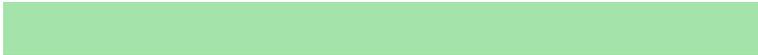
218.0080, 18.2371, 30.6880



208.8530, -27.0425, 40.4709

Rectangle

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



202.2520, -15.9002, -33.5470



191.9940, 18.7370, -83.3097



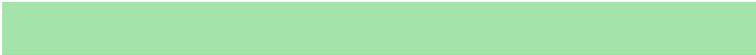
218.0080, 18.2371, 30.6880



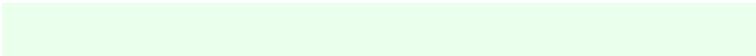
207.6570, -6.2399, 41.5198

Sweetspot

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



202.2520, -15.9002, -33.5470



246.9680, -4.9142, -10.4959



219.2090, -27.2180, 3.3247



122.7450, -3.3253, -6.7924



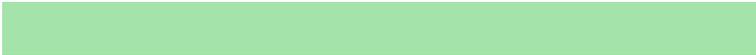
0.0000, 0.0000, 0.0000



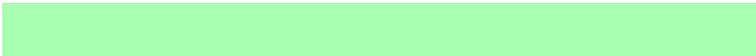
128.0000, 0.0000, 0.0000

Same Dimension

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



202.2520, -15.9002, -33.5470



219.9810, -21.6826, -45.5873



205.7860, -2.3595, -36.6463



110.1580, -3.0359, -6.2776



107.0110, -44.3754, -93.8486



30.5070, -12.5750, -26.7546

Inverse Universe

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



189.7480, 15.9002, 33.5470



203.0190, 21.6826, 45.5873



186.2140, 2.3595, 36.6463



107.8420, 3.0359, 6.2776



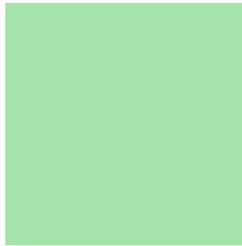
71.9890, 44.3754, 93.8486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 202.2520, -15.9002, -33.5470 looks on a white background.

Color Contrast Check

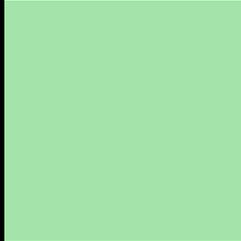
Large Text (above 18pt) WCAG AA × Fail

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 202.2520, -15.9002, -33.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

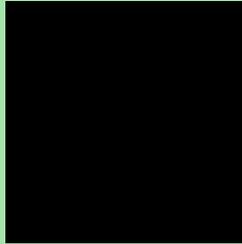
Any Text WCAG AA ✓ Pass

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 202.2520, -15.9002, -33.5470 Background



This preview shows how black text looks on a background with the YUV color 202.2520, -15.9002, -33.5470.



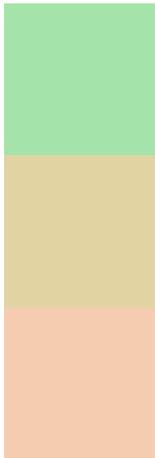
This preview shows how white text looks on a background with the YUV color 202.2520, -15.9002, -33.5470.

-33.5470.

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

202.2520, -15.9002, -33.5470

Protanopia

210.4860, -23.9036, 13.6058

Deuteranopia

212.9530, -18.7108, 28.1052



Tritanopia

208.1950, 14.2009, -28.2350

Trichromacy



Original Color

202.2520, -15.9002, -33.5470

Protanomaly

207.4730, -20.9392, -3.9228

Deuteranomaly

209.3370, -17.9141, 5.8435

Tritanomaly

206.0240, 3.4392, -29.8390

Monochromacy



Original Color

202.2520, -15.9002, -33.5470

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.7290, -5.7824, -12.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.2520, -15.9002, -33.5470 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(164, 228, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 228, 170)  
}
```

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(164, 228, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 228, 170) }
```

Border

The CSS property to change the border of an element to YUV 202.2520, -15.9002, -33.5470 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(164, 228, 170) }
```

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

```
.border{ border-color:rgb(164, 228, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 228, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 228, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 228, 170); box-shadow:4px 4px 4px 4px rgb(164, 228, 170) }
```

Background

The CSS property to change the background color of an element to YUV 202.2520, -15.9002, -33.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 228, 170) }
```

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

```
.background{ background-color: rgb(164,  
228, 170) }
```

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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