

Converting Colors

YUV(167.1460, -2.0440,
-91.3360)

Have a look what the booklet for
YUV(167.1460, -2.0440, -91.3360)
contains.

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Color

**YUV(167.1460, -2.0440,
-91.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	3FDDA3
RGB	63, 221, 163
RGB Percent	25%, 87%, 64%
CMY	0.7529, 0.1333, 0.3608
CMYK	0.71, 0.00, 0.26, 0.13
HSL	158°, 70%, 56%
HSV	158°, 71%, 87%
XYZ	34.5172, 55.4140, 43.5271
YIQ	167.1460, -75.5500, -51.5340

Conversions

Conversions Part 2

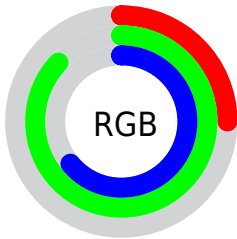
Format	Color
RYB	63, 160, 221
Decimal	4185507
CIELab	79.28, -53.96, 16.94
CIELCh	79, 56.557, 162.568
Yxy	55.4140, 0.2586, 0.4152
Android (android.graphics.Color)	4282375587 (0xFF3FDDA3)
YUV	167.1460, -2.0440, -91.3360
Hunter-Lab	74.4406, -47.5027, 17.4402




Details

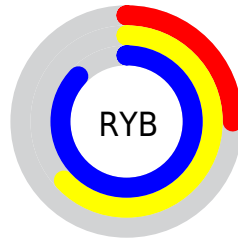
The YUV color **167.1460, -2.0440, -91.3360** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **116.8540, 2.0440, 91.3360**, and the grayscale version is **167.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **213.4070, 2.2643, -73.1479**, and **109.5090, 0.7351, -96.0394** is the 20% darker color. If you saturate the color by 10%, you get **159.6560, -2.2954, -104.0613**, and if you desaturate by 10%, it is **174.6360, -1.7925, -78.6108**.

Distribution







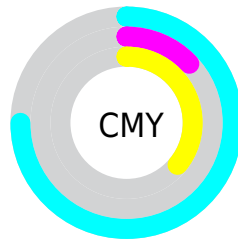
-  Red (25%)
-  Green (87%)
-  Blue (64%)






-  Red (25%)
-  Yellow (63%)
-  Blue (87%)



-  Cyan (71%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (13%)



-  Cyan (75%)
-  Magenta (13%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1460, -2.0440, -91.3360 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 167.1460, -2.0440, -91.3360 by changing the saturation by 10% instead.

■ 167.1460, -2.0440,
-91.3360

■ 167.1460, -2.0440,
-91.3360

255.0000, 0.0000,
0.0000

■ 128.9090, 3.9889,
-113.0532

■ 213.4070, 2.2643,
-73.1479

■ 109.5090, 0.7351,
-96.0394

■ 225.9820, 10.3619,
-56.9892

■ 90.9240, -1.9345,
-79.7403

■ 236.1630, 9.2866,
-38.7310

■ 72.3390, -4.6041,
-63.4413

■ 245.1330, 4.8644,
-20.2876

■ 55.1560, -6.9789,
-48.3718

254.4020, 0.2948,
-1.2296

■ 38.0870, -8.9169,
-33.4023

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 167.1460, -2.0440,
-91.3360

■ 167.1460, -2.0440,
-91.3360

■ 159.6560, -2.2954,
-104.0613

■ 174.6360, -1.7925,
-78.6108

■ 152.1660, -2.5468,
-116.7866

■ 182.1260, -1.5411,
-65.8855

■ 145.6870, -2.8037,
-127.7675

■ 189.6160, -1.2897,
-53.1602

■ 197.1060, -1.0383,
-40.4350

■ 205.0090, -0.4974,
-27.1949

■ 212.4990, -0.2460,
-14.4696

■ 219.9890, 0.0054,
-1.7444

■ 227.4790, 0.2569,
10.9809

■ 232.8760, 1.5401,
19.4027

Harmonies

Analogous

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



183.0940, -33.0773, -30.7774



167.1460, -2.0440, -91.3360



155.7530, 30.6878, -136.5954

Triad

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



167.1460, -2.0440, -91.3360



187.2000, 33.4254, -34.3784



186.9910, -29.5756, 59.6439

Complementary

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



167.1460, -2.0440, -91.3360



116.8540, 2.0440, 91.3360

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.



185.5330, -4.6998, 60.9226



167.1460, -2.0440, -91.3360



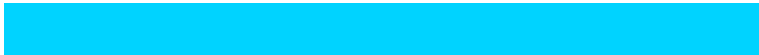
199.6790, 27.2733, 25.7145

Square

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



167.1460, -2.0440, -91.3360



152.9270, 50.3220, -134.1170



193.9230, 17.2930, 53.5645



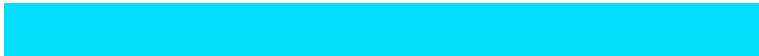
193.8980, -48.7567, 51.8325

Rectangle

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



167.1460, -2.0440, -91.3360



159.0420, 45.8283, -139.4798



193.9230, 17.2930, 53.5645



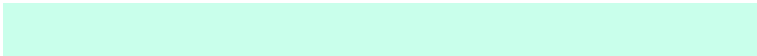
185.1790, -21.2872, 61.2330

Sweetspot

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



167.1460, -2.0440, -91.3360



236.5740, -0.7760, -31.1984



173.9850, -54.7156, -43.8368



117.0640, -0.5246, -18.4731



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.



167.1460, -2.0440, -91.3360



180.2850, -3.0985, -126.5379



163.1920, 28.4993, -87.8684



106.2550, -0.1257, -6.3626



114.0910, -2.0169, -100.0578



30.3080, -0.6448, -26.5801

Inverse Universe

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



116.8540, 2.0440, 91.3360



110.6010, 2.6617, 126.6379



120.8080, -28.4993, 87.8684



102.7450, 0.1257, 6.3626



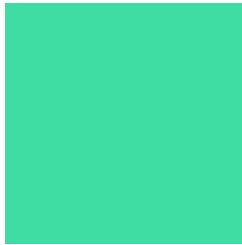
59.0230, 2.4537, 99.9578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 167.1460, -2.0440, -91.3360 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 167.1460, -2.0440, -91.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

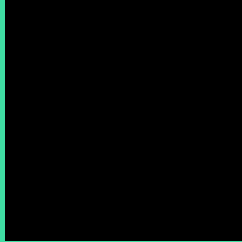
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

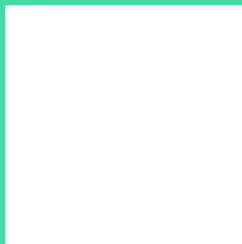
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.1460, -2.0440, -91.3360

Background



This preview shows how black text looks on a background with the YUV color 167.1460, -2.0440, -91.3360.



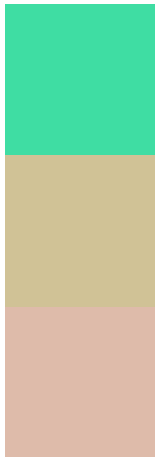
This preview shows how white text looks on a background with the YUV color 167.1460, -2.0440,

-91.3360.

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

167.1460, -2.0440, -91.3360

Protanopia

193.1700, -21.2828, 13.0059

Deuteranopia

195.5270, -12.5848, 23.2168



Tritanopia

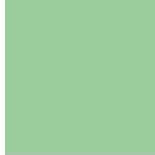
178.4710, 25.4038, -74.9581

Trichromacy



Original Color

167.1460, -2.0440, -91.3360



Protanomaly

183.7630, -14.1802, -25.2252



Deuteranomaly

184.8870, -8.8183, -18.3179



Tritanomaly

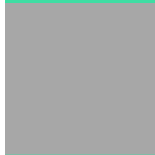
174.2070, 15.6739, -80.8655

Monochromacy



Original Color

167.1460, -2.0440, -91.3360



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.2640, -0.6232, -33.5575

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1460, -2.0440, -91.3360 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(63, 221, 163)` looks like.

```
.text, #text, p{  
    color:rgb(63, 221, 163)  
}
```

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(63, 221, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 221, 163) }
```

Border

The CSS property to change the border of an element to YUV 167.1460, -2.0440, -91.3360 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(63, 221, 163) }
```


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

```
.border{ border-color:rgb(63, 221, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 221, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 221, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 221, 163);  
box-shadow:4px 4px 4px 4px rgb(63, 221,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 167.1460, -2.0440, -91.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 221, 163) }
```

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

```
.background{ background-color: rgb(63, 221,  
163) }
```

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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