

Converting Colors

YUV(168.2990, -4.0914,
-87.9622)

Have a look what the booklet for
YUV(168.2990, -4.0914, -87.9622)
contains.

YUV(168.2990, -4.0914, -87.9622)	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(168.2990, -4.0914,
-87.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	44DDA0
RGB	68, 221, 160
RGB Percent	27%, 87%, 63%
CMY	0.7333, 0.1333, 0.3725
CMYK	0.69, 0.00, 0.28, 0.13
HSL	156°, 69%, 57%
HSV	156°, 69%, 87%
XYZ	34.5855, 55.4799, 42.1436
YIQ	168.2990, -71.6070, -51.4070

Conversions

Conversions Part 2

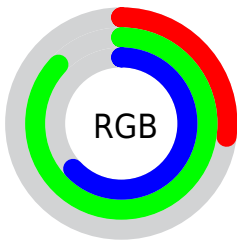
Format	Color
RYB	68, 164, 221
Decimal	4513184
CIELab	79.32, -53.89, 18.59
CIELCh	79, 57.002, 160.971
Yxy	55.4799, 0.2616, 0.4196
Android (android.graphics.Color)	4282703264 (0xFF44DDA0)
YUV	168.2990, -4.0914, -87.9622
Hunter-Lab	74.4848, -47.4656, 18.5931

Details

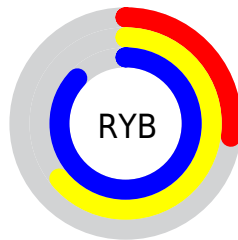
The YUV color **168.2990, -4.0914, -87.9622** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **120.7010, 4.0914, 87.9622**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2610, 0.3643, -70.3889**, and **109.1670, -0.5753, -95.7395** is the 20% darker color. If you saturate the color by 10%, you get **160.6950, -4.7796, -100.5875**, and if you desaturate by 10%, it is **175.9030, -3.4032, -75.3369**.

Distribution



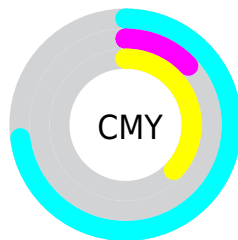
- Red (27%)
- Green (87%)
- Blue (63%)



- Red (27%)
- Yellow (64%)
- Blue (87%)



- Cyan (69%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (73%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2990, -4.0914, -87.9622 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 168.2990, -4.0914, -87.9622 by changing the saturation by 10% instead.

168.2990, -4.0914,
-87.9622

168.2990, -4.0914,
-87.9622

255.0000, 0.0000,
0.0000

133.9490, 0.0251,
-101.6873

214.2610, 0.3643,
-70.3889

109.1670, -0.5753,
-95.7395

226.4230, 8.1725,
-54.7450

90.5820, -3.2449,
-79.4404

237.0600, 8.8444,
-36.8866

71.9970, -5.9145,
-63.1414

246.0300, 4.4222,
-18.4433

54.8140, -8.2893,
-48.0719

37.7450, -10.2273,
-33.1024

22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 168.2990, -4.0914,
-87.9622

■ 168.2990, -4.0914,
-87.9622

■ 160.6950, -4.7796,
-100.5875

■ 175.9030, -3.4032,
-75.3369

■ 153.0910, -5.4679,
-113.2128

■ 183.5070, -2.7150,
-62.7116

■ 145.6010, -5.7193,
-125.9381

■ 190.9970, -2.4635,
-49.9864

■ 144.8890, -5.8613,
-127.0677

■ 198.6010, -1.7753,
-37.3611

■ 206.5040, -1.2345,
-24.1210

■ 214.1080, -0.5462,
-11.4957

■ 221.7120, 0.1420,
1.1296

■ 229.2020, 0.3934,
13.8548

■ 233.2180, 2.8505,
19.1028

Harmonies

Analogous

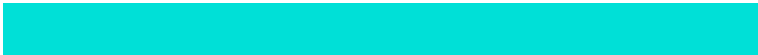
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183.0620, -34.5406, -28.1184



168.2990, -4.0914, -87.9622



155.9980, 29.0880, -136.8102

Triad

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



168.2990, -4.0914, -87.9622



185.9930, 34.0205, -38.5819



186.0450, -28.1232, 60.4735

Complementary

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



168.2990, -4.0914, -87.9622



120.7010, 4.0914, 87.9622

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.



185.2880, -3.1000, 61.1374



168.2990, -4.0914, -87.9622



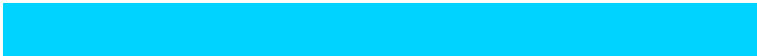
199.3690, 27.4261, 23.3554

Square

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



168.2990, -4.0914, -87.9622



152.9270, 50.3220, -134.1170



194.8520, 18.3140, 52.7498



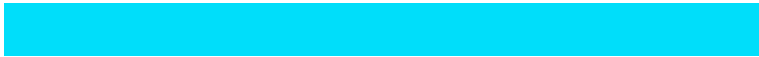
193.3220, -48.4727, 54.0916

Rectangle

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



168.2990, -4.0914, -87.9622



158.8140, 44.9547, -139.2799



194.8520, 18.3140, 52.7498



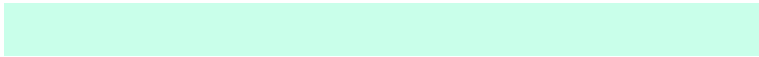
184.9340, -19.6875, 61.4479

Sweetspot

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



168.2990, -4.0914, -87.9622



236.4600, -1.2128, -31.0984



176.0500, -53.2687, -41.2629



116.9500, -0.9614, -18.3732



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.



168.2990, -4.0914, -87.9622



182.0360, -5.4407, -121.9346



166.4480, 26.8941, -86.3389



106.1410, -0.5625, -6.2627



113.4070, -4.6377, -99.4579



30.1940, -1.0816, -26.4801

Inverse Universe

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



120.7010, 4.0914, 87.9622



116.0780, 5.8775, 121.8346



122.5520, -26.8941, 86.3389



102.7450, 0.1257, 6.3626



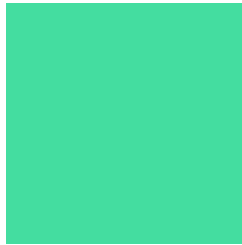
59.5930, 4.6377, 99.4579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 168.2990, -4.0914, -87.9622 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 168.2990, -4.0914, -87.9622 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

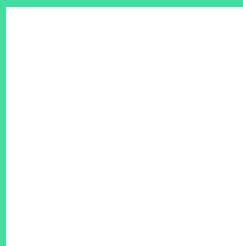
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.2990, -4.0914, -87.9622

Background



This preview shows how black text looks on a background with the YUV color 168.2990, -4.0914, -87.9622.



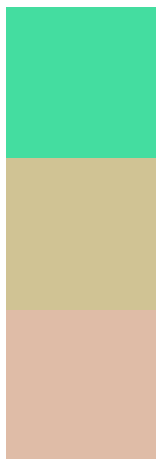
This preview shows how white text looks on a background with the YUV color 168.2990, -4.0914, -87.9622.

-87.9622.

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

168.2990, -4.0914, -87.9622

Protanopia

193.5290, -22.4458, 12.6911

Deuteranopia

196.0710, -14.3320, 23.6167



Tritanopia

179.5530, 24.3774, -72.3990

Trichromacy



Original Color

168.2990, -4.0914, -87.9622



Protanomaly

184.0190, -15.7854, -23.6957



Deuteranomaly

186.0290, -10.8603, -16.6884



Tritanomaly

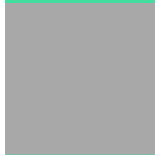
175.1750, 14.2107, -78.2065

Monochromacy



Original Color

168.2990, -4.0914, -87.9622



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.0470, -1.5022, -31.6132

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2990, -4.0914, -87.9622 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(68, 221, 160)` looks like.

```
.text, #text, p{  
    color:rgb(68, 221, 160)  
}
```

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(68, 221, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 221, 160) }
```

Border

The CSS property to change the border of an element to YUV 168.2990, -4.0914, -87.9622 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(68, 221, 160) }
```


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

```
.border{ border-color:rgb(68, 221, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 221, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 221, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 221, 160);  
box-shadow:4px 4px 4px 4px rgb(68, 221,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 168.2990, -4.0914, -87.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 221, 160) }
```

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

```
.background{ background-color: rgb(68, 221,  
160) }
```

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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