

Converting Colors

YUV(168.3740, -4.6214,
-104.6910)

Have a look what the booklet for
YUV(168.3740, -4.6214, -104.6910)
contains.

YUV(168.3740, -4.6214, -104.6910)	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(168.3740, -4.6214,
-104.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	31E79F
RGB	49, 231, 159
RGB Percent	19%, 91%, 62%
CMY	0.8078, 0.0941, 0.3765
CMYK	0.79, 0.00, 0.31, 0.09
HSL	156°, 79%, 55%
HSV	156°, 79%, 91%
XYZ	36.1005, 60.3080, 42.5388
YIQ	168.3740, -85.3600, -60.9760

Conversions

Conversions Part 2

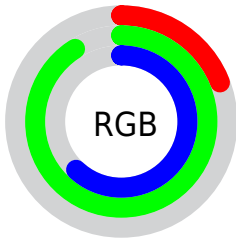
Format	Color
RYB	49, 162, 231
Decimal	3270559
CIELab	82.01, -60.34, 22.77
CIELCh	82, 64.489, 159.327
Yxy	60.3080, 0.2598, 0.4340
Android (android.graphics.Color)	4281460639 (0xFF31E79F)
YUV	168.3740, -4.6214, -104.6910
Hunter-Lab	77.6582, -52.9236, 21.8835

Details

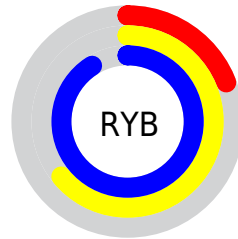
The YUV color **168.3740, -4.6214, -104.6910** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **111.6260, 4.6214, 104.6910**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1570, 1.4016, -76.4367**, and **114.3360, -3.6166, -100.2727** is the 20% darker color. If you saturate the color by 10%, you get **160.4710, -5.1622, -117.9311**, and if you desaturate by 10%, it is **176.2770, -4.0806, -91.4509**.

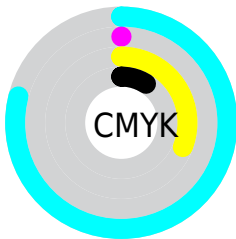
Distribution



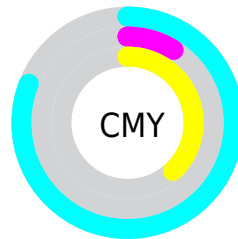
- Red (19%)
- Green (91%)
- Blue (62%)



- Red (19%)
- Yellow (64%)
- Blue (91%)



- Cyan (79%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (81%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3740, -4.6214, -104.6910 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 168.3740, -4.6214, -104.6910 by changing the saturation by 10% instead.

■ 168.3740, -4.6214,
-104.6910

■ 168.3740, -4.6214,
-104.6910

■ 255.0000, 0.0000,
0.0000

■ 133.7360, -0.3628,
-117.2865

■ 211.1570, 1.4016,
-76.4367

■ 114.3360, -3.6166,
-100.2727

■ 223.9170, 8.9149,
-59.5632

■ 95.7510, -6.2862,
-83.9736

■ 234.6680, 10.0237,
-41.8048

■ 77.1660, -8.9558,
-67.6746

■ 243.9370, 5.4541,
-22.7467

■ 59.2820, -11.4780,
-51.9903

■ 253.5050, 0.7370,
-3.0739

■ 41.5120, -13.5634,
-36.4060

■ 26.4150, -13.0226,

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 168.3740, -4.6214,
-104.6910

■ 168.3740, -4.6214,
-104.6910

■ 160.4710, -5.1622,
-117.9311

■ 176.2770, -4.0806,
-91.4509


■ 152.5680, -5.7030,
-131.1711

■ 184.1800, -3.5397,
-78.2109


■ 151.5570, -5.6976,
-132.9155


■ 192.0830, -2.9989,
-64.9708


■ 200.1000, -2.0213,
-51.8307

 208.3020, -1.6279,
-37.9759

 216.2050, -1.0871,
-24.7358

 224.1080, -0.5462,
-11.4957

 232.0110, -0.0054,
1.7444

 239.3160, 0.8302,
13.7549

Harmonies

Analogous

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



188.7430, -40.7923, -29.5926



168.3740, -4.6214, -104.6910



162.6660, 29.2517, -142.6581

Triad

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



168.3740, -4.6214, -104.6910



187.3890, 33.3322, -51.2072



186.7460, -27.9758, 59.8588

Complementary

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



168.3740, -4.6214, -104.6910



111.6260, 4.6214, 104.6910

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.



186.2000, 0.3944, 60.3376



168.3740, -4.6214, -104.6910



204.3970, 24.9473, 25.0848

Square

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



168.3740, -4.6214, -104.6910



159.3840, 47.1387, -139.7798



197.2630, 25.0133, 50.6353



195.5730, -52.5405, 52.1175

Rectangle

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



168.3740, -4.6214, -104.6910



165.8410, 43.9554, -145.4426



197.2630, 25.0133, 50.6353



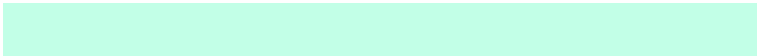
185.2760, -18.3771, 61.1479

Sweetspot

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



168.3740, -4.6214, -104.6910



234.0250, -1.4913, -35.1019



177.6610, -63.4299, -48.8147



115.2270, -1.0979, -21.2471



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.



168.3740, -4.6214, -104.6910



171.6980, -6.2601, -139.1781



166.0160, 32.0371, -102.6230



110.8420, -0.4151, -6.8774



117.3850, -4.6268, -102.9466



33.4710, -1.2182, -29.3541

Inverse Universe

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



111.6260, 4.6214, 104.6910



96.3020, 6.2601, 139.1781



113.9840, -32.0371, 102.6230



107.1580, 0.4151, 6.8774



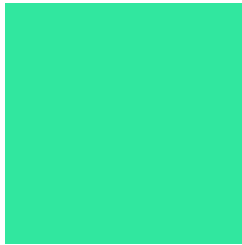
61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 168.3740, -4.6214, -104.6910 looks on a white background.

Color Contrast Check

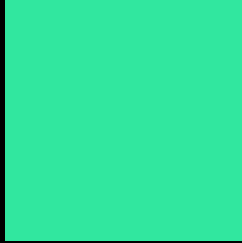
Large Text (above 18pt) WCAG AA × Fail

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 168.3740, -4.6214, -104.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

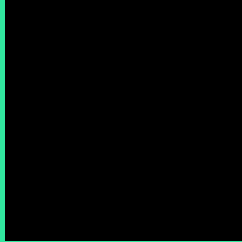
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

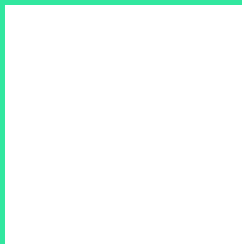
Any Text WCAG AAA ✓ Pass

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

YUV 168.3740, -4.6214, -104.6910 Background



This preview shows how black text looks on a background with the YUV color 168.3740, -4.6214, -104.6910.



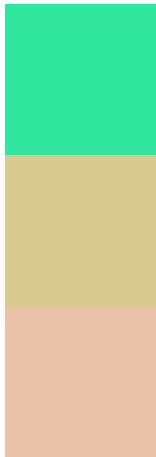
This preview shows how white text looks on a background with the YUV color 168.3740, -4.6214, -104.6910.

-104.6910.

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

168.3740, -4.6214, -104.6910

Protanopia

200.1010, -26.6718, 14.8204

Deuteranopia

202.8820, -17.6898, 27.2905



Tritanopia

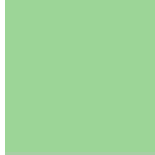
183.8830, 27.1727, -82.3354

Trichromacy



Original Color

168.3740, -4.6214, -104.6910



Protanomaly

188.8890, -18.6793, -28.8437



Deuteranomaly

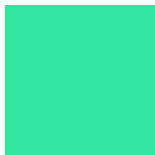
190.1380, -12.8860, -20.2920



Tritanomaly

178.4400, 15.5591, -90.7169

Monochromacy



Original Color

168.3740, -4.6214, -104.6910



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.3020, -1.6279, -37.9759

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3740, -4.6214, -104.6910 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(49, 231, 159)` looks like.

```
.text, #text, p{  
    color:rgb(49, 231, 159)  
}
```

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(49, 231, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 231, 159) }
```

Border

The CSS property to change the border of an element to YUV 168.3740, -4.6214, -104.6910 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(49, 231, 159) }
```


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

```
.border{ border-color:rgb(49, 231, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 231, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 231, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 231, 159);  
box-shadow:4px 4px 4px 4px rgb(49, 231,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 168.3740, -4.6214, -104.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 231, 159) }
```

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

```
.background{ background-color: rgb(49, 231,  
159) }
```

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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