

Converting Colors

YUV(154.2690, 4.7974,
-92.3209)

Have a look what the booklet for
YUV(154.2690, 4.7974, -92.3209)
contains.

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Color

**YUV(154.2690, 4.7974,
-92.3209)**

Conversions

Conversions Part 1

Format	Color
Hex	31CEA4
RGB	49, 206, 164
RGB Percent	19%, 81%, 64%
CMY	0.8078, 0.1922, 0.3569
CMYK	0.76, 0.00, 0.20, 0.19
HSL	164°, 62%, 50%
HSV	164°, 76%, 81%
XYZ	30.0388, 47.4759, 42.7025
YIQ	154.2690, -80.0900, -46.3460

Conversions

Conversions Part 2

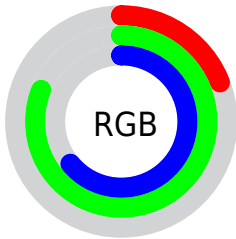
Format	Color
RYB	49, 140, 206
Decimal	3264164
CIELab	74.49, -49.48, 9.63
CIELCh	74, 50.406, 168.989
Yxy	47.4759, 0.2499, 0.3949
Android (android.graphics.Color)	4281454244 (0xFF31CEA4)
YUV	154.2690, 4.7974, -92.3209
Hunter-Lab	68.9028, -42.7612, 11.4869

Details

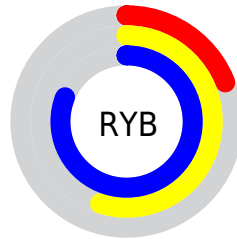
The YUV color **154.2690, 4.7974, -92.3209** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **100.7310, -4.7974, 92.3209**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2320, 4.3226, -80.0105**, and **101.4050, 5.2233, -88.9322** is the 20% darker color. If you saturate the color by 10%, you get **147.3060, 5.2721, -104.6314**, and if you desaturate by 10%, it is **161.2320, 4.3226, -80.0105**.

Distribution



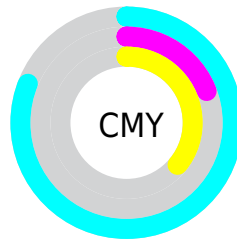
- Red (19%)
- Green (81%)
- Blue (64%)



- Red (19%)
- Yellow (55%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2690, 4.7974, -92.3209 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 154.2690, 4.7974, -92.3209 by changing the saturation by 10% instead.

■ 154.2690, 4.7974,
-92.3209

■ 154.2690, 4.7974,
-92.3209

■ 255.0000, 0.0000,
0.0000

■ 120.2180, 8.7665,
-105.4312

■ 210.2320, 4.3226,
-80.0105

■ 101.4050, 5.2233,
-88.9322

■ 222.6930, 11.9834,
-63.7518

■ 82.8200, 2.5537,
-72.6331

■ 232.8740, 10.9081,
-45.4935

■ 64.8220, -0.4052,
-56.8489

■ 241.8440, 6.4859,
-27.0502

■ 47.6390, -2.7800,
-41.7794

■ 251.1130, 1.9163,
-7.9921

■ 31.8580, -4.8600,
-27.9395

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 154.2690, 4.7974,
-92.3209

■ 154.2690, 4.7974,
-92.3209

■ 147.3060, 5.2721,
-104.6314

■ 161.2320, 4.3226,
-80.0105

■ 140.7560, 6.0363,
-116.4270

■ 167.7820, 3.5585,
-68.2148

■ 138.1360, 6.3420,
-121.1453

■ 174.7450, 3.0837,
-55.9044

■ 181.2950, 2.3196,
-44.1087

■ 188.2580, 1.8448,
-31.7983

■ 195.1070, 0.9332,
-19.3878

■ 201.7710, 0.6059,
-7.6922

■ 208.6200, -0.3057,
4.7183

■ 215.2840, -0.6330,
16.4139

Harmonies

Analogous

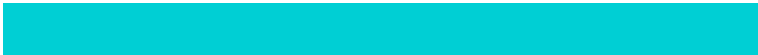
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.6510, -24.4779, -35.6509



154.2690, 4.7974, -92.3209



145.6770, 32.6972, -127.7587

Triad

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



154.2690, 4.7974, -92.3209



181.3960, 36.2868, -18.7643



182.1010, -33.0808, 63.9324

Complementary

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



154.2690, 4.7974, -92.3209



100.7310, -4.7974, 92.3209

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.



179.7310, -11.6994, 66.0109



154.2690, 4.7974, -92.3209



188.8260, 27.6938, 30.8476

Square

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



154.2690, 4.7974, -92.3209



158.8060, 47.4236, -91.0379



185.5620, 8.1039, 60.8971



180.6730, -44.2088, 39.7518

Rectangle

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



154.2690, 4.7974, -92.3209



147.6950, 45.5064, -129.5285



185.5620, 8.1039, 60.8971



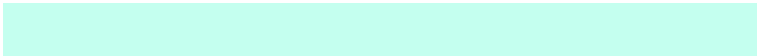
180.5340, -26.3923, 65.3067

Sweetspot

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



154.2690, 4.7974, -92.3209



235.5350, 1.7082, -34.6722



154.3150, -51.9203, -53.7733



116.0960, 0.9387, -21.1322



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.



154.2690, 4.7974, -92.3209



178.5640, 7.1169, -136.4296



139.0990, 32.9822, -79.0168



98.6680, 0.1637, -5.8478



111.2360, 4.8137, -97.5540



25.4980, 1.2335, -22.3617

Inverse Universe

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



100.7310, -4.7974, 92.3209



99.4360, -7.1169, 136.4296



115.9010, -32.9822, 79.0168



95.3320, -0.1637, 5.8478



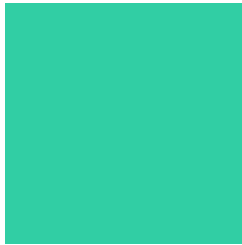
54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 154.2690, 4.7974, -92.3209 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 154.2690, 4.7974, -92.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

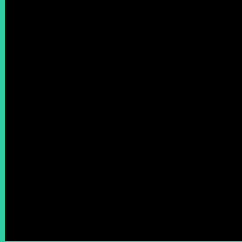
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

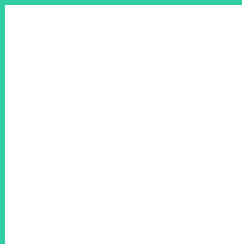
Any Text WCAG AAA ✓ Pass

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

YUV 154.2690, 4.7974, -92.3209 Background



This preview shows how black text looks on a background with the YUV color 154.2690, 4.7974, -92.3209.

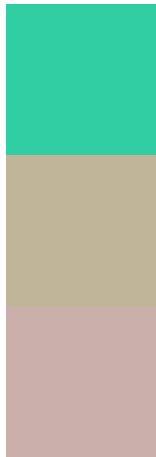


This preview shows how white text looks on a background with the YUV color 154.2690, 4.7974,

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

154.2690, 4.7974, -92.3209

Protanopia

180.9830, -14.2886, 9.6619

Deuteranopia

182.9160, -5.8746, 17.6137



Tritanopia

164.3460, 24.9724, -76.6024

Trichromacy



Original Color

154.2690, 4.7974, -92.3209



Protanomaly

171.1740, -7.4808, -27.3396



Deuteranomaly

172.2870, -2.1135, -22.1767



Tritanomaly

160.9510, 17.2792, -82.3950

Monochromacy



Original Color

154.2690, 4.7974, -92.3209



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

154.2470, 1.8502, -33.5426

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2690, 4.7974, -92.3209 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, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(49, 206, 164)  
}
```

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, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 206, 164) }
```

Border

The CSS property to change the border of an element to YUV 154.2690, 4.7974, -92.3209 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, 206, 164) }
```


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

```
.border{ border-color:rgb(49, 206, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 206, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(49, 206,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 154.2690, 4.7974, -92.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 206, 164) }
```

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

```
.background{ background-color: rgb(49, 206,  
164) }
```

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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