

Converting Colors

YUV(149.9540, 22.7007,
-94.6757)

Have a look what the booklet for
YUV(149.9540, 22.7007, -94.6757)
contains.

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Color

**YUV(149.9540, 22.7007,
-94.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	2AC4C4
RGB	42, 196, 196
RGB Percent	16%, 77%, 77%
CMY	0.8353, 0.2314, 0.2314
CMYK	0.79, 0.00, 0.00, 0.23
HSL	180°, 65%, 47%
HSV	180°, 79%, 77%
XYZ	30.6586, 43.9576, 59.0933
YIQ	149.9540, -91.7840, -32.6480

Conversions

Conversions Part 2

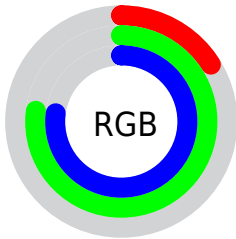
Format	Color
RYB	42, 119, 196
Decimal	2802884
CIELab	72.20, -37.27, -11.07
CIElCh	72, 38.877, 196.542
Yxy	43.9576, 0.2293, 0.3288
Android (android.graphics.Color)	4280992964 (0xFF2AC4C4)
YUV	149.9540, 22.7007, -94.6757
Hunter-Lab	66.3005, -33.4843, -6.4345

Details

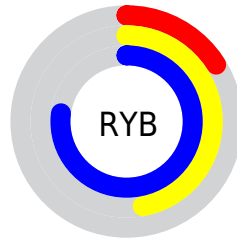
The YUV color **149.9540, 22.7007, -94.6757** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **88.0460, -22.7007, 94.6757**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0370, 20.1948, -84.2244**, and **99.5420, 20.9318, -87.2983** is the 20% darker color. If you saturate the color by 10%, you get **143.9740, 25.6488, -106.9712**, and if you desaturate by 10%, it is **155.9340, 19.7525, -82.3801**.

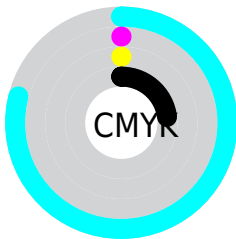
Distribution



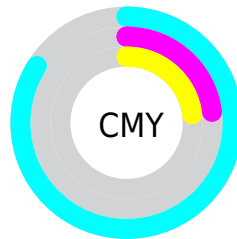
- Red (16%)
- Green (77%)
- Blue (77%)



- Red (16%)
- Yellow (47%)
- Blue (77%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9540, 22.7007, -94.6757 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 149.9540, 22.7007, -94.6757 by changing the saturation by 10% instead.

■ 149.9540, 22.7007,
-94.6757

■ 149.9540, 22.7007,
-94.6757

■ 255.0000, 0.0000,
0.0000

■ 117.8820, 25.2012,
-103.3825

■ 212.0370, 20.1948,
-84.2244

■ 99.5420, 20.9318,
-87.2983

■ 223.0070, 15.7725,
-65.7811

■ 80.8430, 17.8254,
-70.8993

■ 232.2760, 11.2029,
-46.7231

■ 63.3180, 14.1402,
-55.5299

■ 241.2460, 6.7807,
-28.2797

■ 46.6080, 11.0393,
-40.8752

■ 250.5150, 2.2111,
-9.2217

■ 30.5990, 8.0857,
-26.8353

■ 12.3560, 6.7265,

-10.8362

■ 0.0000, 0.0000,
0.0000

■ 149.9540, 22.7007,
-94.6757

■ 149.9540, 22.7007,
-94.6757

■ 143.9740, 25.6488,
-106.9712

■ 155.9340, 19.7525,
-82.3801

■ 138.2930, 28.4496,
-118.6520

■ 161.6150, 16.9518,
-70.6994

■ 137.3960, 28.8918,
-120.4963

■ 167.5950, 14.0037,
-58.4038

■ 173.2760, 11.2029,
-46.7231

■ 179.2560, 8.2548,
-34.4275

■ 185.2360, 5.3067,
-22.1320

■ 190.9170, 2.5059,
-10.4512

■ 196.8970, -0.4422,
1.8443

■ 202.5780, -3.2430,
13.5251

Harmonies

Analogous

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



160.9960, -0.9840, -57.8785



149.9540, 22.7007, -94.6757



148.8510, 39.0205, -102.4783

Triad

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



149.9540, 22.7007, -94.6757



181.8650, 21.7586, 21.1664



175.5010, -33.2780, 33.7636

Complementary

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



149.9540, 22.7007, -94.6757



88.0460, -22.7007, 94.6757

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.



177.7990, -25.0439, 52.7963



149.9540, 22.7007, -94.6757



181.4310, 6.6895, 47.8570

Square

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



149.9540, 22.7007, -94.6757



177.0110, 33.5186, -17.5496



180.0290, -10.3673, 58.7336



172.6780, -31.8863, 7.2984

Rectangle

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



149.9540, 22.7007, -94.6757



160.2550, 39.8073, -74.7686



180.0290, -10.3673, 58.7336



176.5990, -31.8473, 41.5707

Sweetspot

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



149.9540, 22.7007, -94.6757



236.7610, 8.9918, -37.5014



132.3980, -44.5662, -79.2790



116.9370, 5.4541, -22.7467



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.



149.9540, 22.7007, -94.6757



183.2400, 35.3777, -147.5465



104.7550, 44.9838, -55.0361



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Inverse Universe

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



105.6020, 44.5662, 79.2790



114.1200, 69.4538, 123.5518



133.2450, -44.9838, 55.0361



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 149.9540, 22.7007, -94.6757 looks on a white background.

Color Contrast Check

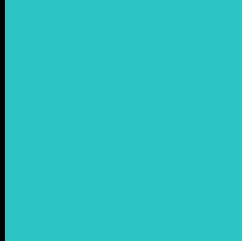
Large Text (above 18pt) WCAG AA × Fail

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 149.9540, 22.7007, -94.6757 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

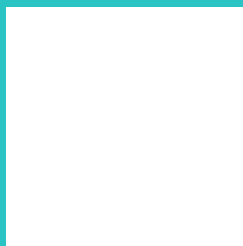
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.9540, 22.7007, -94.6757

Background



This preview shows how black text looks on a background with the YUV color 149.9540, 22.7007, -94.6757.

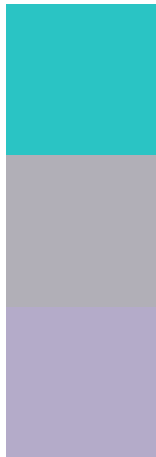


This preview shows how white text looks on a background with the YUV color 149.9540, 22.7007, -94.6757.

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

149.9540, 22.7007, -94.6757

Protanopia

176.5100, 3.1996, 0.4297

Deuteranopia

177.1110, 11.7773, 2.5337



Tritanopia

153.6650, 27.7732, -88.2832

Trichromacy



Original Color

149.9540, 22.7007, -94.6757

Protanomaly

167.1250, 10.2914, -34.3126

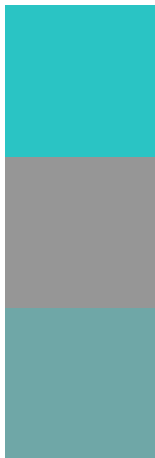
Deuteranomaly

167.2160, 15.6695, -32.6384

Tritanomaly

152.4860, 25.8894, -90.7572

Monochromacy



Original Color

149.9540, 22.7007, -94.6757

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2560, 8.2548, -34.4275

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9540, 22.7007, -94.6757 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(42, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(42, 196, 196)  
}
```

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(42, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 196, 196) }
```

Border

The CSS property to change the border of an element to YUV 149.9540, 22.7007, -94.6757 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(42, 196, 196) }
```


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

```
.border{ border-color:rgb(42, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(42, 196,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 149.9540, 22.7007, -94.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 196, 196) }
```

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

```
.background{ background-color: rgb(42, 196,  
196) }
```

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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