

Converting Colors

YUV(155.4930, 21.9420,
-84.6244)

Have a look what the booklet for
YUV(155.4930, 21.9420, -84.6244)
contains.

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Color

**YUV(155.4930, 21.9420,
-84.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC4C8
RGB	59, 196, 200
RGB Percent	23%, 77%, 78%
CMY	0.7686, 0.2314, 0.2157
CMYK	0.70, 0.02, 0.00, 0.22
HSL	182°, 56%, 51%
HSV	182°, 70%, 78%
XYZ	31.9689, 44.5798, 61.5634
YIQ	155.4930, -82.9360, -27.8000

Conversions

Conversions Part 2

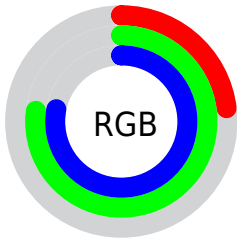
Format	Color
RYB	59, 128, 200
Decimal	3917000
CIELab	72.61, -34.24, -12.60
CIElCh	73, 36.480, 200.201
Yxy	44.5798, 0.2315, 0.3228
Android (android.graphics.Color)	4282107080 (0xFF3BC4C8)
YUV	155.4930, 21.9420, -84.6244
Hunter-Lab	66.7681, -31.3775, -7.9306

Details

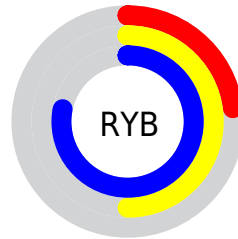
The YUV color **155.4930, 21.9420, -84.6244** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **103.5070, -21.9420, 84.6244**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2550, 19.5943, -78.2766**, and **99.9980, 22.6790, -87.6982** is the 20% darker color. If you saturate the color by 10%, you get **148.9260, 25.1795, -96.4051**, and if you desaturate by 10%, it is **162.0600, 18.7044, -72.8436**.

Distribution



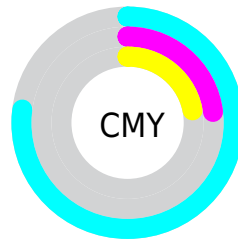
- Red (23%)
- Green (77%)
- Blue (78%)



- Red (23%)
- Yellow (50%)
- Blue (78%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.4930, 21.9420, -84.6244 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 155.4930, 21.9420, -84.6244 by changing the saturation by 10% instead.

155.4930, 21.9420,
-84.6244

155.4930, 21.9420,
-84.6244

255.0000, 0.0000,
0.0000

118.3380, 26.9484,
-103.7824

215.2550, 19.5943,
-78.2766

99.9980, 22.6790,
-87.6982

225.6980, 14.4459,
-60.2481

81.7720, 18.8464,
-71.7140

234.6680, 10.0237,
-41.8048

64.3610, 15.5980,
-56.4446

243.9370, 5.4541,
-22.7467

46.9500, 12.3497,
-41.1751

252.9070, 1.0318,
-4.3034

31.5280, 9.1067,
-27.6501

13.8720, 7.4581,

-12.1657

■ 0.0000, 0.0000,
0.0000

■ 155.4930, 21.9420,
-84.6244

■ 155.4930, 21.9420,
-84.6244

■ 148.9260, 25.1795,
-96.4051

■ 162.0600, 18.7044,
-72.8436

■ 142.9460, 28.1276,
-108.7006

■ 168.0400, 15.7563,
-60.5481

■ 136.6780, 31.2177,
-119.8666

■ 174.6070, 12.5187,
-48.7673

■ 180.5870, 9.5706,
-36.4718

■ 187.1540, 6.3331,
-24.6911

■ 193.1340, 3.3849,
-12.3955

■ 199.7010, 0.1474,
-0.6148

■ 206.2680, -3.0901,
11.1660

■ 212.2480, -6.0383,
23.4615

Harmonies

Analogous

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



162.6910, 1.6313, -56.7340



155.4930, 21.9420, -84.6244



157.5330, 34.7402, -82.9054

Triad

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



155.4930, 21.9420, -84.6244



183.0780, 18.6955, 23.6106



176.5220, -31.8093, 29.3602

Complementary

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



155.4930, 21.9420, -84.6244



103.5070, -21.9420, 84.6244

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.



179.0650, -25.1750, 48.1780



155.4930, 21.9420, -84.6244



182.7360, 4.0742, 46.7125

Square

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



155.4930, 21.9420, -84.6244



179.5450, 30.2973, -11.0020



180.6650, -11.6668, 55.5448



173.7530, -28.9652, 3.7246

Rectangle

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



155.4930, 21.9420, -84.6244



166.1210, 36.4223, -62.3731



180.6650, -11.6668, 55.5448



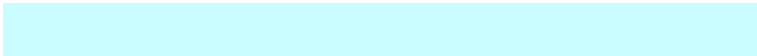
177.6200, -30.3787, 37.1673

Sweetspot

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



155.4930, 21.9420, -84.6244



237.6800, 8.5388, -32.1684



141.9950, -39.9305, -72.7866



117.8450, 5.0064, -19.1581



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.



155.4930, 21.9420, -84.6244



186.5950, 33.7237, -130.3178



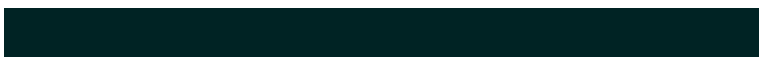
114.9900, 41.9099, -49.1032



96.3090, 1.3267, -5.5330



111.9150, 25.1849, -98.1495



24.6490, 5.5960, -21.6172

Inverse Universe

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



116.7770, 39.0569, 72.9866



126.9370, 60.1771, 112.3113



144.0100, -41.9099, 49.1032



93.7170, 2.6045, 4.6332



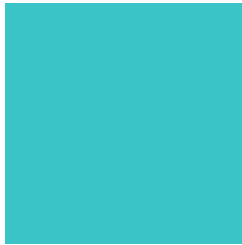
66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 155.4930, 21.9420, -84.6244 looks on a white background.

Color Contrast Check

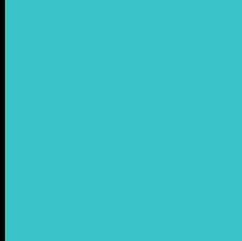
Large Text (above 18pt) WCAG AA × Fail

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 155.4930, 21.9420, -84.6244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

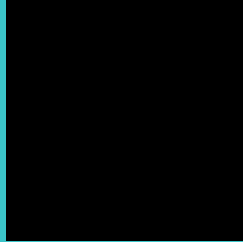
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

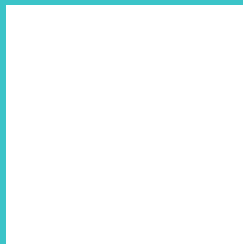
Any Text WCAG AAA ✓ Pass

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

YUV 155.4930, 21.9420, -84.6244 Background



This preview shows how black text looks on a background with the YUV color 155.4930, 21.9420, -84.6244.



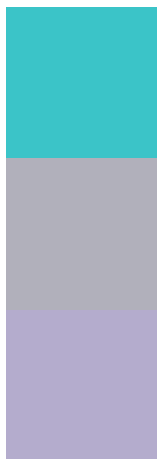
This preview shows how white text looks on a background with the YUV color 155.4930, 21.9420,

-84.6244.

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

155.4930, 21.9420, -84.6244

Protanopia

177.5530, 4.6574, -0.4850

Deuteranopia

178.1540, 13.2351, 1.6189



Tritanopia

157.2530, 26.0043, -80.9059

Trichromacy



Original Color

155.4930, 21.9420, -84.6244



Protanomaly

169.3750, 11.1541, -31.0239



Deuteranomaly

170.0530, 16.2429, -29.8645



Tritanomaly

156.7860, 24.2625, -82.2503

Monochromacy



Original Color

155.4930, 21.9420, -84.6244



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1640, 7.8071, -30.8388

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.4930, 21.9420, -84.6244 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(59, 196, 200)` looks like.

```
.text, #text, p{  
    color:rgb(59, 196, 200)  
}
```

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(59, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 196, 200) }
```

Border

The CSS property to change the border of an element to YUV 155.4930, 21.9420, -84.6244 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(59, 196, 200) }
```


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

```
.border{ border-color:rgb(59, 196, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 196, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 196, 200);  
box-shadow:4px 4px 4px 4px rgb(59, 196,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 155.4930, 21.9420, -84.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 196, 200) }
```

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

```
.background{ background-color: rgb(59, 196,  
200) }
```

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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