

Converting Colors

YUV(154.8060, 27.2106,
-94.5459)

Have a look what the booklet for
YUV(154.8060, 27.2106, -94.5459)
contains.

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Color

**YUV(154.8060, 27.2106,
-94.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC7D2
RGB	47, 199, 210
RGB Percent	18%, 78%, 82%
CMY	0.8157, 0.2196, 0.1765
CMYK	0.78, 0.05, 0.00, 0.18
HSL	184°, 64%, 50%
HSV	184°, 78%, 82%
XYZ	33.2286, 46.1043, 68.1205
YIQ	154.8060, -94.1230, -28.8030

Conversions

Conversions Part 2

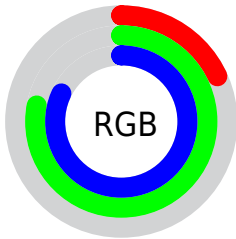
Format	Color
R _Y B	47, 126, 210
Decimal	3131346
CIE Lab	73.61, -34.03, -16.55
CIE LCh	74, 37.843, 205.933
Yxy	46.1043, 0.2253, 0.3127
Android (android.graphics.Color)	4281321426 (0xFF2FC7D2)
YUV	154.8060, 27.2106, -94.5459
Hunter-Lab	67.9002, -31.4720, -11.9522

Details

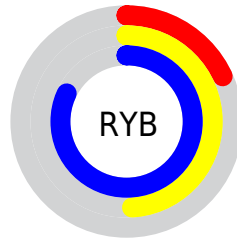
The YUV color **154.8060, 27.2106, -94.5459** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **102.1940, -27.2106, 94.5459**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **102.8990, 26.1788, -90.2424** is the 20% darker color. If you saturate the color by 10%, you get **147.9400, 30.5956, -106.9414**, and if you desaturate by 10%, it is **161.6720, 23.8257, -82.1503**.

Distribution



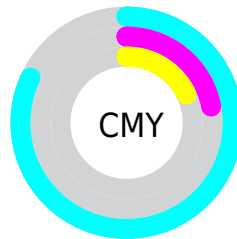
- Red (18%)
- Green (78%)
- Blue (82%)



- Red (18%)
- Yellow (49%)
- Blue (82%)



- Cyan (78%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8060, 27.2106, -94.5459 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 154.8060, 27.2106, -94.5459 by changing the saturation by 10% instead.

154.8060, 27.2106,
-94.5459

154.8060, 27.2106,
-94.5459

255.0000, 0.0000,
0.0000

121.1250, 30.0114,
-106.2266

214.9340, 19.7525,
-82.3801

102.8990, 26.1788,
-90.2424

224.2030, 15.1829,
-63.3220

84.0860, 22.6356,
-73.7434

233.4720, 10.6133,
-44.2639

66.4470, 18.5136,
-58.2740

242.7410, 6.0437,
-25.2059

49.6230, 14.9759,
-43.5194

252.0100, 1.4741,
-6.1478

33.5000, 11.5855,
-29.3795

17.0180, 9.3581,

-14.9248

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 154.8060, 27.2106,
-94.5459

■ 154.8060, 27.2106,
-94.5459

■ 147.9400, 30.5956,
-106.9414

■ 161.6720, 23.8257,
-82.1503

■ 140.4870, 34.2699,
-118.8221

■ 169.1250, 20.1514,
-70.2696

■ 138.9920, 35.0069,
-121.8960

■ 175.9910, 16.7664,
-57.8741

■ 183.4440, 13.0921,
-45.9934

■ 190.3100, 9.7072,
-33.5979

■ 197.7630, 6.0328,
-21.7172

■ 204.6290, 2.6479,
-9.3216

■ 211.4950, -0.7370,
3.0739

■ 218.9480, -4.4114,
14.9546

Harmonies

Analogous

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



163.0750, 5.8790, -65.8408



154.8060, 27.2106, -94.5459



161.2170, 37.3610, -83.5053

Triad

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



154.8060, 27.2106, -94.5459



185.9540, 16.7847, 29.8583



178.7450, -33.3983, 25.6566

Complementary

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



154.8060, 27.2106, -94.5459



102.1940, -27.2106, 94.5459

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.



181.3700, -27.7904, 47.0335



154.8060, 27.2106, -94.5459



184.6720, 1.1477, 52.0307

Square

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



154.8060, 27.2106, -94.5459



183.0620, 29.5494, -4.4394



183.0520, -15.3086, 56.9594



175.4210, -28.8016, -2.1232

Rectangle

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



154.8060, 27.2106, -94.5459



170.3110, 38.3007, -58.1547



183.0520, -15.3086, 56.9594



179.7290, -32.4044, 33.5637

Sweetspot

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



154.8060, 27.2106, -94.5459



235.0110, 9.8546, -34.2126



143.9350, -42.3660, -85.0120



115.4750, 6.1748, -20.5876



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.



154.8060, 27.2106, -94.5459



174.7450, 39.5657, -137.4654



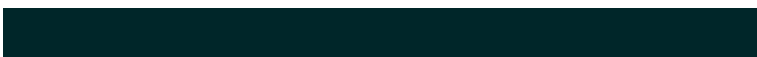
107.2590, 50.6513, -52.8471



101.1240, 1.9109, -6.2477



111.3110, 27.9477, -97.6197



26.9800, 6.9119, -23.6615

Inverse Universe

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



113.0650, 42.3660, 85.0120



114.0570, 61.5969, 123.6070



149.7410, -50.6513, 52.8471



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 154.8060, 27.2106, -94.5459 looks on a white background.

Color Contrast Check

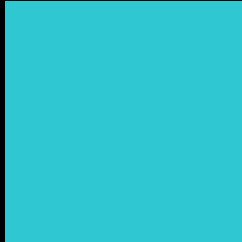
Large Text (above 18pt) WCAG AA × Fail

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 154.8060, 27.2106, -94.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

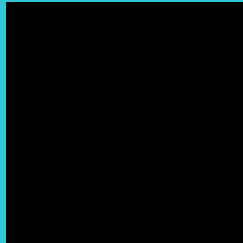
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

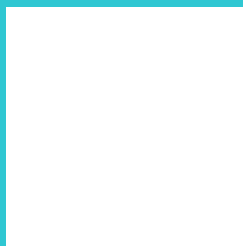
Any Text WCAG AAA ✓ Pass

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

YUV 154.8060, 27.2106, -94.5459 Background



This preview shows how black text looks on a background with the YUV color 154.8060, 27.2106, -94.5459.

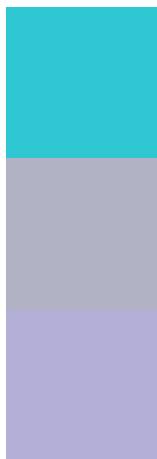


This preview shows how white text looks on a background with the YUV color 154.8060, 27.2106, -94.5459.

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

154.8060, 27.2106, -94.5459

Protanopia

180.1660, 8.2992, -1.8996

Deuteranopia

180.7560, 16.8823, -1.5400



Tritanopia

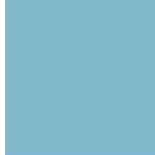
155.8710, 28.6576, -91.9719

Trichromacy



Original Color

154.8060, 27.2106, -94.5459



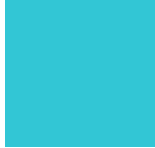
Protanomaly

171.0800, 15.2436, -36.0272



Deuteranomaly

171.4590, 20.4797, -35.4825



Tritanomaly

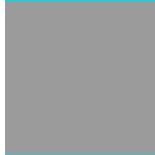
155.4580, 28.3682, -92.4867

Monochromacy



Original Color

154.8060, 27.2106, -94.5459



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.0110, 9.8546, -34.2126

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8060, 27.2106, -94.5459 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(47, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(47, 199, 210)  
}
```

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(47, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 199, 210) }
```

Border

The CSS property to change the border of an element to YUV 154.8060, 27.2106, -94.5459 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(47, 199, 210) }
```


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

```
.border{ border-color:rgb(47, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(47, 199,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 154.8060, 27.2106, -94.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 199, 210) }
```

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

```
.background{ background-color: rgb(47, 199,  
210) }
```

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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