

Converting Colors

YUV(167.6890, 31.2123,
-118.1223)

Have a look what the booklet for
YUV(167.6890, 31.2123, -118.1223)
contains.

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Color

**YUV(167.6890, 31.2123,
-118.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	21E0E7
RGB	33, 224, 231
RGB Percent	13%, 88%, 91%
CMY	0.8706, 0.1216, 0.0941
CMYK	0.86, 0.03, 0.00, 0.09
HSL	182°, 80%, 52%
HSV	182°, 86%, 91%
XYZ	41.7067, 59.4042, 84.8693
YIQ	167.6890, -116.0830, -38.3150

Conversions

Conversions Part 2

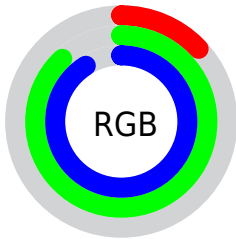
Format	Color
R _Y B	33, 130, 231
Decimal	2220263
CIE Lab	81.51, -40.37, -15.93
CIE LCh	82, 43.397, 201.541
Yxy	59.4042, 0.2243, 0.3194
Android (android.graphics.Color)	4280410343 (0xFF21E0E7)
YUV	167.6890, 31.2123, -118.1223
Hunter-Lab	77.0741, -38.2890, -11.3347

Details

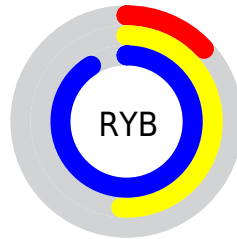
The YUV color **167.6890, 31.2123, -118.1223** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **96.3110, -31.2123, 118.1223**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **118.5660, 27.8220, -103.9824** is the 20% darker color. If you saturate the color by 10%, you get **160.2250, 34.8921, -131.7473**, and if you desaturate by 10%, it is **175.1530, 27.5326, -104.4972**.

Distribution



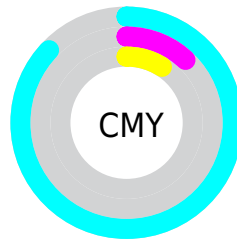
- Red (13%)
- Green (88%)
- Blue (91%)



- Red (13%)
- Yellow (51%)
- Blue (91%)



- Cyan (86%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6890, 31.2123, -118.1223 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 167.6890, 31.2123, -118.1223 by changing the saturation by 10% instead.

167.6890, 31.2123,
-118.1223

167.6890, 31.2123,
-118.1223

255.0000, 0.0000,
0.0000

138.1940, 31.9494,
-121.1961

214.9340, 19.7525,
-82.3801

118.5660, 27.8220,
-103.9824

224.8010, 14.8881,
-62.0925

99.7530, 24.2788,
-87.4834

234.3690, 10.1711,
-42.4196

81.5270, 20.4462,
-71.4992

243.9370, 5.4541,
-22.7467

64.0020, 16.7610,
-56.1298

253.5050, 0.7370,
-3.0739

46.5910, 13.5126,
-40.8603

31.1690, 10.2697,

-27.3352

■ 10.5780, 10.0680,
-9.2769

■ 0.3420, 1.3104,
-0.2999

■ 167.6890, 31.2123,
-118.1223

■ 167.6890, 31.2123,
-118.1223

■ 160.2250, 34.8921,
-131.7473

■ 175.1530, 27.5326,
-104.4972

■ 157.2350, 36.3661,
-137.8951

■ 182.6170, 23.8528,
-90.8721

■ 189.4940, 20.4625,
-76.7322

■ 196.9580, 16.7827,
-63.1072

■ 204.4220, 13.1030,
-49.4821

■ 212.1850, 9.2758,
-35.2422

■ 219.6490, 5.5960,
-21.6172

■ 227.1130, 1.9163,
-7.9921

■ 233.9900, -1.4741,
6.1478

Harmonies

Analogous

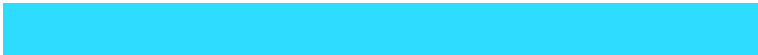
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.6350, 3.1379, -73.3479



167.6890, 31.2123, -118.1223



171.6650, 41.0842, -111.0852

Triad

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



167.6890, 31.2123, -118.1223



208.4470, 22.4576, 30.3030



200.7200, -38.8090, 34.4486

Complementary

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



167.6890, 31.2123, -118.1223



96.3110, -31.2123, 118.1223

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.



199.0390, -29.1062, 49.0778



167.6890, 31.2123, -118.1223



201.8330, 6.9843, 46.6275

Square

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



167.6890, 31.2123, -118.1223



200.9320, 26.6555, -9.5874



197.1590, -10.9244, 50.7266



196.7330, -35.3644, 2.8652

Rectangle

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



167.6890, 31.2123, -118.1223



183.6910, 35.1553, -76.0280



197.1590, -10.9244, 50.7266



201.5300, -37.2363, 43.3852

Sweetspot

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



167.6890, 31.2123, -118.1223



234.0920, 10.3076, -39.5457



150.0240, -54.2418, -102.6300



114.8660, 6.4751, -23.5615



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.



167.6890, 31.2123, -118.1223



173.4720, 40.1933, -152.1349



109.5760, 59.8620, -67.1572



110.8250, 2.0583, -6.8625



121.3700, 28.4116, -106.4415



34.5770, 8.0965, -30.3240

Inverse Universe

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



113.9760, 54.2418, 102.6300



104.2890, 69.8635, 132.1735



154.4240, -59.8620, 67.1572



107.8420, 3.0359, 6.2776



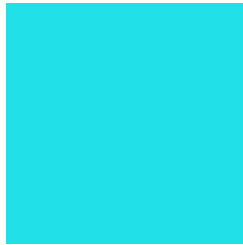
73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 167.6890, 31.2123, -118.1223 looks on a white background.

Color Contrast Check

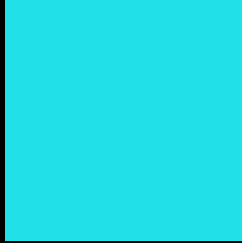
Large Text (above 18pt) WCAG AA × Fail

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 167.6890, 31.2123, -118.1223 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 167.6890, 31.2123, -118.1223 Background



This preview shows how black text looks on a background with the YUV color 167.6890, 31.2123, -118.1223.

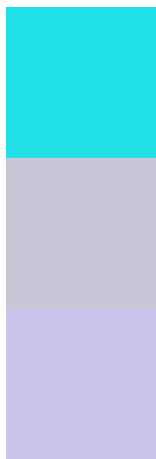


This preview shows how white text looks on a background with the YUV color 167.6890, 31.2123, -118.1223.

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

167.6890, 31.2123, -118.1223

Protanopia

201.2370, 7.2782, -1.0848

Deuteranopia

202.7670, 16.8769, 0.2043



Tritanopia

171.2430, 34.3902, -110.7151

Trichromacy



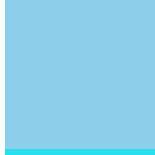
Original Color

167.6890, 31.2123, -118.1223



Protanomaly

188.8510, 15.8495, -43.7193



Deuteranomaly

189.8710, 22.2486, -42.8599



Tritanomaly

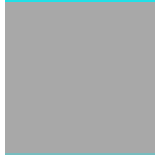
170.1780, 32.9432, -113.2891

Monochromacy



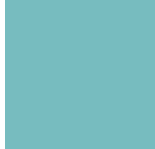
Original Color

167.6890, 31.2123, -118.1223



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.7110, 11.4815, -42.7195

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6890, 31.2123, -118.1223 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(33, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(33, 224, 231)  
}
```

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(33, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 224, 231) }
```

Border

The CSS property to change the border of an element to YUV 167.6890, 31.2123, -118.1223 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(33, 224, 231) }
```


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

```
.border{ border-color:rgb(33, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(33, 224,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 167.6890, 31.2123, -118.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 224, 231) }
```

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

```
.background{ background-color: rgb(33, 224,  
231) }
```

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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