

Converting Colors

YUV(153.2820, 31.9060,
-107.2413)

Have a look what the booklet for
YUV(153.2820, 31.9060, -107.2413)
contains.

YUV(153.2820, 31.9060, -107.2413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(153.2820, 31.9060,
-107.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	1FCBDA
RGB	31, 203, 218
RGB Percent	12%, 80%, 85%
CMY	0.8784, 0.2039, 0.1451
CMYK	0.86, 0.07, 0.00, 0.15
HSL	185°, 75%, 49%
HSV	185°, 86%, 85%
XYZ	34.5759, 48.0651, 73.7848
YIQ	153.2820, -107.3270, -31.7990

Conversions

Conversions Part 2

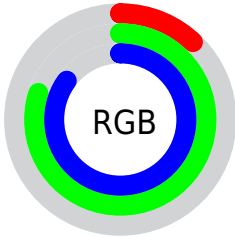
Format	Color
RYB	31, 121, 218
Decimal	2083802
CIELab	74.87, -34.73, -19.01
CIELCh	75, 39.594, 208.685
Yxy	48.0651, 0.2210, 0.3073
Android (android.graphics.Color)	4280273882 (0xFF1FCBDA)
YUV	153.2820, 31.9060, -107.2413
Hunter-Lab	69.3290, -32.3039, -14.5703

Details

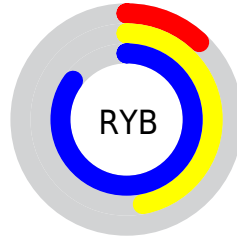
The YUV color **153.2820, 31.9060, -107.2413** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **95.7180, -31.9060, 107.2413**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **105.4580, 28.3682, -92.4867** is the 20% darker color. If you saturate the color by 10%, you get **145.5300, 35.7277, -119.7368**, and if you desaturate by 10%, it is **161.0340, 28.0842, -94.7458**.

Distribution



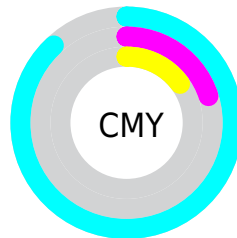
- Red (12%)
- Green (80%)
- Blue (85%)



- Red (12%)
- Yellow (47%)
- Blue (85%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (88%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2820, 31.9060, -107.2413 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 153.2820, 31.9060, -107.2413 by changing the saturation by 10% instead.

153.2820, 31.9060,
-107.2413

153.2820, 31.9060,
-107.2413

255.0000, 0.0000,
0.0000

124.3850, 32.3482,
-109.0856

213.1400, 20.6370,
-86.0688

105.4580, 28.3682,
-92.4867

223.0070, 15.7725,
-65.7811

87.2320, 24.5356,
-76.5025

232.5750, 11.0555,
-46.1083

69.5930, 20.4137,
-61.0331

241.8440, 6.4859,
-27.0502

52.1820, 17.1653,
-45.7636

251.1130, 1.9163,
-7.9921

36.0590, 13.7749,
-31.6237

20.6370, 10.5320,

-18.0986

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 153.2820, 31.9060,
-107.2413

■ 153.2820, 31.9060,
-107.2413

■ 145.5300, 35.7277,
-119.7368

■ 161.0340, 28.0842,
-94.7458

■ 142.8390, 37.0544,
-125.2698

■ 168.1990, 24.5519,
-81.7355

■ 175.6520, 20.8776,
-69.8548

■ 183.4040, 17.0558,
-57.3593

■ 191.1560, 13.2341,
-44.8638

■ 198.3210, 9.7017,
-31.8535

■ 206.0730, 5.8800,
-19.3580

■ 213.5260, 2.2057,
-7.4773

■ 221.2780, -1.6161,
5.0182

Harmonies

Analogous

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



164.3020, 8.2321, -73.9329



153.2820, 31.9060, -107.2413



163.4060, 40.7188, -87.1791

Triad

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



153.2820, 31.9060, -107.2413



189.5740, 16.4790, 34.5766



182.2780, -35.1401, 24.3122

Complementary

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



153.2820, 31.9060, -107.2413



95.7180, -31.9060, 107.2413

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.



184.6860, -30.4112, 47.6334



153.2820, 31.9060, -107.2413



188.2380, -0.6103, 55.9193

Square

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



153.2820, 31.9060, -107.2413



186.6110, 30.2648, -0.5358



186.4930, -17.4980, 59.2036



178.2850, -29.2275, -5.5119

Rectangle

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



153.2820, 31.9060, -107.2413



173.7670, 40.0479, -58.5547



186.4930, -17.4980, 59.2036



182.8600, -34.4410, 33.4488

Sweetspot

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



153.2820, 31.9060, -107.2413



232.3310, 11.1758, -38.0013



142.1370, -48.8745, -97.4671



113.6920, 7.0538, -22.5319



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.



153.2820, 31.9060, -107.2413



167.0150, 43.3766, -146.4722



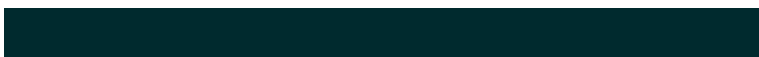
99.8650, 58.2406, -60.3946



106.1240, 1.9109, -6.2477



113.0550, 29.5529, -99.1492



29.8980, 7.9383, -26.2205

Inverse Universe

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



106.5210, 47.5641, 97.7671



103.0350, 65.0587, 133.2733



149.1350, -58.2406, 60.3946



103.4290, 2.7465, 5.7628



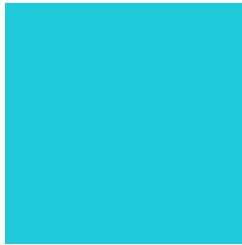
69.8530, 43.9495, 90.4599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 153.2820, 31.9060, -107.2413 looks on a white background.

Color Contrast Check

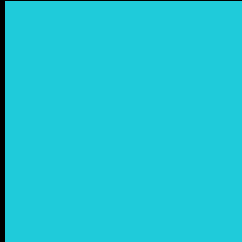
Large Text (above 18pt) WCAG AA × Fail

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 153.2820, 31.9060, -107.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

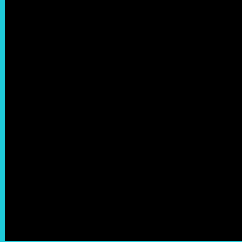
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

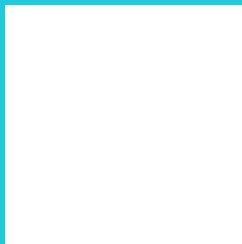
Any Text WCAG AAA ✓ Pass

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

YUV 153.2820, 31.9060, -107.2413 Background



This preview shows how black text looks on a background with the YUV color 153.2820, 31.9060, -107.2413.



This preview shows how white text looks on a background with the YUV color 153.2820, 31.9060, -107.2413.

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

153.2820, 31.9060, -107.2413

Protanopia

183.3230, 10.1938, -2.9143

Deuteranopia

184.3150, 19.0717, -3.7843



Tritanopia

153.9940, 32.0480, -106.1117

Trichromacy



Original Color

153.2820, 31.9060, -107.2413



Protanomaly

172.4430, 18.0226, -40.7305



Deuteranomaly

173.2240, 23.5536, -41.4154



Tritanomaly

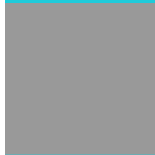
153.6950, 32.1954, -106.7265

Monochromacy



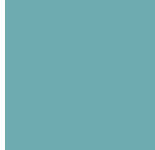
Original Color

153.2820, 31.9060, -107.2413



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.1460, 11.7600, -38.7160

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2820, 31.9060, -107.2413 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(31, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(31, 203, 218)  
}
```

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(31, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 203, 218) }
```

Border

The CSS property to change the border of an element to YUV 153.2820, 31.9060, -107.2413 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(31, 203, 218) }
```


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

```
.border{ border-color:rgb(31, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(31, 203,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 153.2820, 31.9060, -107.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 203, 218) }
```

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

```
.background{ background-color: rgb(31, 203,  
218) }
```

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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