

Converting Colors

YUV(146.7680, 24.7644,
-103.2825)

Have a look what the booklet for
YUV(146.7680, 24.7644, -103.2825)
contains.

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Color

**YUV(146.7680, 24.7644,
-103.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	1DC5C5
RGB	29, 197, 197
RGB Percent	11%, 77%, 77%
CMY	0.8863, 0.2275, 0.2275
CMYK	0.85, 0.00, 0.00, 0.23
HSL	180°, 74%, 44%
HSV	180°, 85%, 77%
XYZ	30.5510, 44.2249, 59.7494
YIQ	146.7680, -100.1280, -35.6160

Conversions

Conversions Part 2

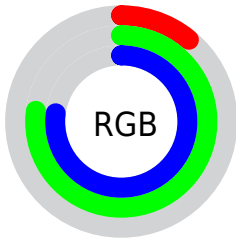
Format	Color
RYB	29, 113, 197
Decimal	1951173
CIELab	72.38, -38.44, -11.36
CIELCh	72, 40.083, 196.469
Yxy	44.2249, 0.2271, 0.3287
Android (android.graphics.Color)	4280141253 (0xFF1DC5C5)
YUV	146.7680, 24.7644, -103.2825
Hunter-Lab	66.5018, -34.3752, -6.7185

Details

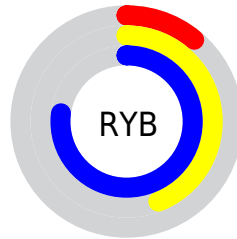
The YUV color **146.7680, 24.7644, -103.2825** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **79.2320, -24.7644, 103.2825**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2430, 21.0792, -87.9131**, and **99.6560, 21.3686, -87.3983** is the 20% darker color. If you saturate the color by 10%, you get **140.7880, 27.7125, -115.5781**, and if you desaturate by 10%, it is **152.7480, 21.8162, -90.9870**.

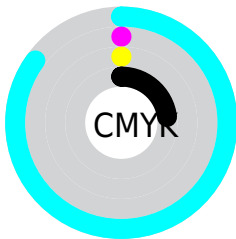
Distribution



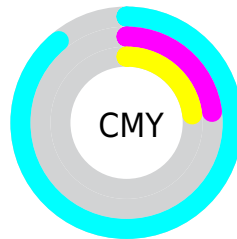
- Red (11%)
- Green (77%)
- Blue (77%)



- Red (11%)
- Yellow (44%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (89%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7680, 24.7644, -103.2825 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 146.7680, 24.7644, -103.2825 by changing the saturation by 10% instead.

■ 146.7680, 24.7644,
-103.2825

■ 146.7680, 24.7644,
-103.2825

255.0000, 0.0000,
0.0000

■ 118.5830, 25.3486,
-103.9973

■ 211.2430, 21.0792,
-87.9131

■ 99.6560, 21.3686,
-87.3983

■ 221.5120, 16.5096,
-68.8550

■ 81.5440, 17.9728,
-71.5141

■ 230.7810, 11.9400,
-49.7969

■ 64.0190, 14.2876,
-56.1447

■ 240.0500, 7.3704,
-30.7388

■ 47.3090, 11.1867,
-41.4900

■ 249.3190, 2.8007,
-11.6808

■ 31.1860, 7.7963,
-27.3501

■ 12.4700, 7.1633,

-10.9362

■ 0.0000, 0.0000,
0.0000

■ 146.7680, 24.7644,
-103.2825

■ 146.7680, 24.7644,
-103.2825

■ 140.7880, 27.7125,
-115.5781

■ 152.7480, 21.8162,
-90.9870

■ 138.0970, 29.0392,
-121.1111

■ 158.4290, 19.0155,
-79.3062

■ 164.4090, 16.0674,
-67.0107

■ 170.3890, 13.1192,
-54.7152

■ 176.3690, 10.1711,
-42.4196

■ 182.0500, 7.3704,
-30.7388

■ 188.0300, 4.4222,
-18.4433

■ 194.0100, 1.4741,
-6.1478

■ 199.6910, -1.3267,
5.5330

Harmonies

Analogous

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



160.6860, -0.8312, -60.2376



146.7680, 24.7644, -103.2825



141.8920, 43.4372, -119.1773

Triad

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



146.7680, 24.7644, -103.2825



182.3920, 22.4847, 21.5812



176.4580, -34.7358, 34.6783

Complementary

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



146.7680, 24.7644, -103.2825



79.2320, -24.7644, 103.2825

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.



178.2830, -25.7755, 54.1258



146.7680, 24.7644, -103.2825



182.1430, 6.8315, 48.9866

Square

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



146.7680, 24.7644, -103.2825



177.3530, 34.8290, -17.8496



180.0400, -10.3727, 60.4779



173.0370, -33.0492, 6.9836

Rectangle

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



146.7680, 24.7644, -103.2825



159.3900, 41.7127, -79.2720



180.0400, -10.3727, 60.4779



176.7840, -32.4315, 42.2854

Sweetspot

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



146.7680, 24.7644, -103.2825



235.2660, 9.7289, -40.5753



127.6160, -48.6177, -86.4862



116.0400, 5.8963, -24.5911



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.



146.7680, 24.7644, -103.2825



178.7550, 37.5888, -156.7681



97.4600, 49.0732, -60.0394



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Inverse Universe

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



98.3840, 48.6177, 86.4862



105.3150, 73.7947, 131.2737



128.5400, -49.0732, 60.0394



93.7170, 2.6045, 4.6332



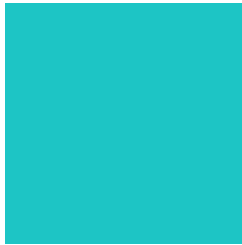
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 146.7680, 24.7644, -103.2825 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 146.7680, 24.7644, -103.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

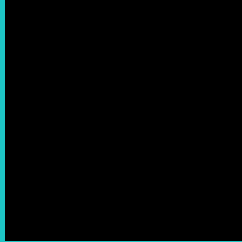
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

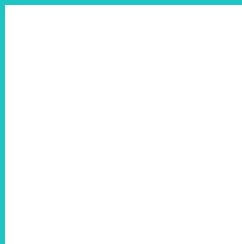
Any Text WCAG AAA ✓ Pass

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

YUV 146.7680, 24.7644, -103.2825 Background



This preview shows how black text looks on a background with the YUV color 146.7680, 24.7644, -103.2825.

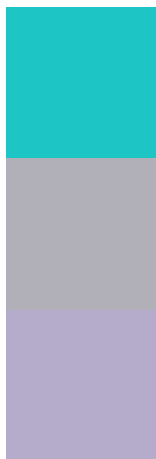


This preview shows how white text looks on a background with the YUV color 146.7680, 24.7644, -103.2825.

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

146.7680, 24.7644, -103.2825

Protanopia

176.6240, 3.6364, 0.3298

Deuteranopia

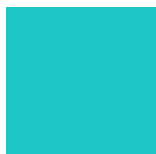
178.2250, 12.2141, 2.4337



Tritanopia

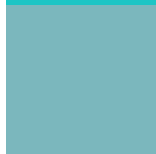
151.9740, 29.0998, -93.8162

Trichromacy



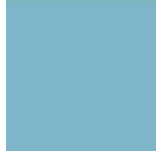
Original Color

146.7680, 24.7644, -103.2825



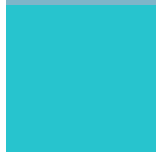
Protanomaly

165.7440, 11.4652, -37.4865



Deuteranomaly

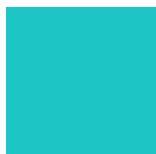
166.8350, 16.8433, -35.8123



Tritanomaly

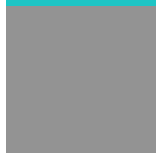
150.1970, 27.5109, -97.5198

Monochromacy



Original Color

146.7680, 24.7644, -103.2825



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7610, 8.9918, -37.5014

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7680, 24.7644, -103.2825 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(29, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(29, 197, 197)  
}
```

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(29, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 197, 197) }
```

Border

The CSS property to change the border of an element to YUV 146.7680, 24.7644, -103.2825 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(29, 197, 197) }
```


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

```
.border{ border-color:rgb(29, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(29, 197,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 146.7680, 24.7644, -103.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 197, 197) }
```

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

```
.background{ background-color: rgb(29, 197,  
197) }
```

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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