

# Converting Colors

YUV(148.8080, 20.8007,  
-91.9166)

Have a look what the booklet for  
YUV(148.8080, 20.8007, -91.9166)  
contains.

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# Color

**YUV(148.8080, 20.8007,  
-91.9166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CC2BF
RGB	44, 194, 191
RGB Percent	17%, 76%, 75%
CMY	0.8275, 0.2392, 0.2510
CMYK	0.77, 0.00, 0.02, 0.24
HSL	179°, 63%, 47%
HSV	179°, 77%, 76%
XYZ	29.7345, 42.8806, 55.9998
YIQ	148.8080, -88.4370, -32.7330

# Conversions

## Conversions Part 2

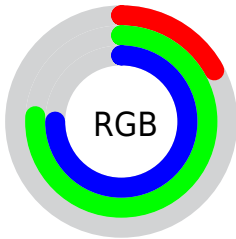
Format	Color
<a href="#">RYB</a>	44, 120, 194
Decimal	2933439
CIELab	71.47, -37.62, -9.42
CIELCh	71, 38.780, 194.064
Yxy	42.8806, 0.2312, 0.3334
Android (android.graphics.Color)	4281123519 (0xFF2CC2BF)
YUV	148.8080, 20.8007, -91.9166
Hunter-Lab	65.4833, -33.5430, -4.8651

# Details

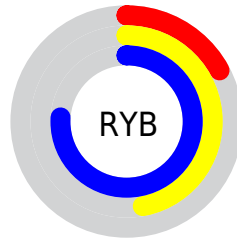
The YUV color **148.8080, 20.8007, -91.9166** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **89.1920, -20.8007, 91.9166**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4780, 18.0053, -81.9802**, and **97.9120, 19.7634, -85.8688** is the 20% darker color. If you saturate the color by 10%, you get **143.1270, 23.6014, -103.5974**, and if you desaturate by 10%, it is **154.4890, 17.9999, -80.2359**.

# Distribution



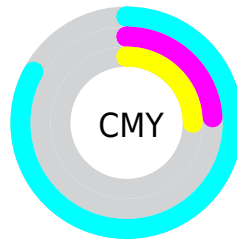
- Red (17%)
- Green (76%)
- Blue (75%)



- Red (17%)
- Yellow (47%)
- Blue (76%)



- Cyan (77%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (83%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.8080, 20.8007, -91.9166 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 148.8080, 20.8007, -91.9166 by changing the saturation by 10% instead.



■ 148.8080, 20.8007,  
-91.9166

■ 148.8080, 20.8007,  
-91.9166

■ 255.0000, 0.0000,  
0.0000

■ 116.1380, 23.5960,  
-101.8530

■ 210.4780, 18.0053,  
-81.9802

■ 97.9120, 19.7634,  
-85.8688

■ 223.0070, 15.7725,  
-65.7811

■ 79.6860, 15.9308,  
-69.8846

■ 231.9770, 11.3503,  
-47.3378

■ 61.6880, 12.9718,  
-54.1004

■ 241.2460, 6.7807,  
-28.2797

■ 44.9780, 9.8708,  
-39.4457

■ 250.5150, 2.2111,  
-9.2217

■ 29.5560, 6.6279,  
-25.9206

■ 9.0790, 6.8631,

-7.9623

■ 0.0000, 0.0000,  
0.0000

■ 148.8080, 20.8007,  
-91.9166

■ 148.8080, 20.8007,  
-91.9166

■ 143.1270, 23.6014,  
-103.5974

■ 154.4890, 17.9999,  
-80.2359

■ 137.0330, 26.1127,  
-115.7929

■ 160.5830, 15.4886,  
-68.0403

■ 135.5380, 26.8498,  
-118.8668

■ 166.2640, 12.6878,  
-56.3595

■ 172.3580, 10.1765,  
-44.1640

■ 178.0390, 7.3758,  
-32.4832

■ 183.7200, 4.5750,  
-20.8024

■ 189.8140, 2.0637,  
-8.6069

■ 195.4950, -0.7370,  
3.0739

■ 201.4750, -3.6852,  
15.3694

# Harmonies

## Analogous

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



159.8500, -2.8840, -55.1194



148.8080, 20.8007, -91.9166



144.4160, 38.7419, -106.4818

# Triad

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



148.8080, 20.8007, -91.9166



179.4840, 22.9324, 17.9925



173.9250, -32.9940, 36.0228

# Complementary

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



148.8080, 20.8007, -91.9166



89.1920, -20.8007, 91.9166

# 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.



176.3260, -24.3177, 53.2111



148.8080, 20.8007, -91.9166



179.6480, 7.5685, 45.9127

# Square

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



148.8080, 20.8007, -91.9166



174.4020, 33.8188, -20.5236



178.0720, -8.9095, 57.8189



170.8740, -32.4759, 9.7575



# Rectangle

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



148.8080, 20.8007, -91.9166



156.9340, 39.9655, -78.8721



178.0720, -8.9095, 57.8189



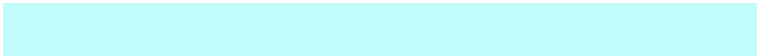
174.8380, -30.9791, 43.1151

# Sweetspot

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



148.8080, 20.8007, -91.9166



234.5440, 8.1128, -35.5571



133.5450, -44.1457, -74.1460



117.1220, 4.8699, -22.0320



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.



148.8080, 20.8007, -91.9166



181.5780, 32.7460, -143.4579



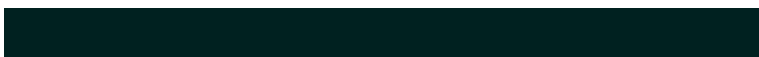
108.0600, 42.3684, -56.1806



94.0100, 1.4741, -6.1478



112.4050, 21.9853, -98.5792



23.0190, 4.4276, -20.1877



# Inverse Universe

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



89.1920, -20.8007, 91.9166



88.4220, -32.7460, 143.4579



129.9400, -42.3684, 56.1806



89.9900, -1.4741, 6.1478



48.4810, -22.4221, 98.6792

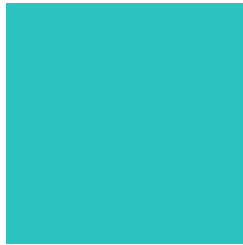


9.9810, -4.4276, 20.1877



# Previews

## White Background



This preview shows how the YUV color 148.8080, 20.8007, -91.9166 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 148.8080, 20.8007, -91.9166 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

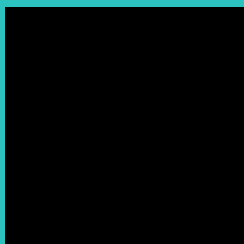
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

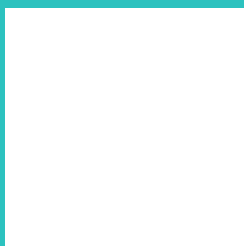
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 148.8080, 20.8007, -91.9166

## Background



This preview shows how black text looks on a background with the YUV color 148.8080, 20.8007, -91.9166.



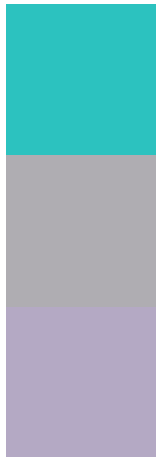
This preview shows how white text looks on a background with the YUV color 148.8080, 20.8007, -91.9166.



# 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

148.8080, 20.8007, -91.9166

### Protanopia

174.1680, 1.8892, 0.7297

### Deuteranopia

175.3670, 10.1721, 4.0631



## Tritanopia

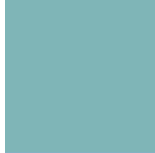
153.0460, 26.5993, -85.1093

# Trichromacy



## Original Color

148.8080, 20.8007, -91.9166



## Protanomaly

165.0820, 8.8336, -33.3979



## Deuteranomaly

165.7710, 13.9169, -30.4942



## Tritanomaly

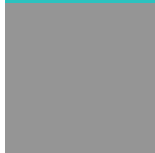
151.7530, 24.2788, -87.4834

# Monochromacy



## Original Color

148.8080, 20.8007, -91.9166



## Achromatopsia

149.0000, 0.0000, 0.0000



## Achromatomaly

148.7400, 7.5232, -33.0980

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.8080, 20.8007, -91.9166 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(44, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(44, 194, 191)  
}
```

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(44, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 194, 191) }
```

## Border

The CSS property to change the border of an element to YUV 148.8080, 20.8007, -91.9166 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(44, 194, 191) }
```



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

```
.border{ border-color:rgb(44, 194, 191) }
```

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

Here you see how a box with a 4 pixel rgb(44, 194, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(44, 194,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 148.8080, 20.8007, -91.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 194, 191) }
```

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

```
.background{ background-color: rgb(44, 194,  
191) }
```

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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