

# Converting Colors

YUV(141.6820, 25.2998,  
-88.2981)

Have a look what the booklet for  
YUV(141.6820, 25.2998, -88.2981)  
contains.

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# Color

**YUV(141.6820, 25.2998,  
-88.2981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29B7C1
RGB	41, 183, 193
RGB Percent	16%, 72%, 76%
CMY	0.8392, 0.2824, 0.2431
CMYK	0.79, 0.05, 0.00, 0.24
HSL	184°, 65%, 46%
HSV	184°, 79%, 76%
XYZ	27.4736, 38.1886, 56.3752
YIQ	141.6820, -87.8420, -26.9940

# Conversions

## Conversions Part 2

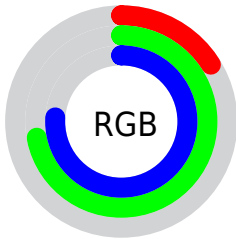
Format	Color
<b>R<sub>Y</sub>B</b>	41, 114, 193
Decimal	2734017
CIE Lab	68.16, -32.16, -15.50
CIE LCh	68, 35.700, 205.724
Yxy	38.1886, 0.2251, 0.3129
Android (android.graphics.Color)	4280924097 (0xFF29B7C1)
YUV	141.6820, 25.2998, -88.2981
Hunter-Lab	61.7970, -28.7875, -10.8303

# Details

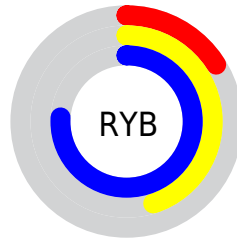
The YUV color **141.6820, 25.2998, -88.2981** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **92.3180, -25.2998, 88.2981**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7650, 22.7939, -77.8469**, and **91.6830, 23.8203, -80.4060** is the 20% darker color. If you saturate the color by 10%, you get **135.4140, 28.3899, -99.4641**, and if you desaturate by 10%, it is **147.9500, 22.2097, -77.1321**.

# Distribution



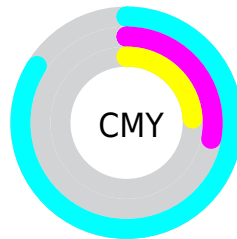
- Red (16%)
- Green (72%)
- Blue (76%)



- Red (16%)
- Yellow (45%)
- Blue (76%)



- Cyan (79%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (28%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.6820, 25.2998, -88.2981 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 141.6820, 25.2998, -88.2981 by changing the saturation by 10% instead.



■ 141.6820, 25.2998,  
-88.2981

■ 141.6820, 25.2998,  
-88.2981

■ 255.0000, 0.0000,  
0.0000

■ 110.4960, 27.3635,  
-96.9050

■ 202.7650, 22.7939,  
-77.8469

■ 91.6830, 23.8203,  
-80.4060

■ 222.1100, 16.2148,  
-67.6255

■ 74.0440, 19.6983,  
-64.9366

■ 231.0800, 11.7926,  
-49.1822

■ 56.6330, 16.4499,  
-49.6671

■ 240.3490, 7.2229,  
-30.1241

■ 40.3960, 12.6228,  
-35.4273

■ 249.3190, 2.8007,  
-11.6808

■ 26.1480, 8.8010,  
-22.9318

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 141.6820, 25.2998,  
-88.2981

■ 141.6820, 25.2998,  
-88.2981

■ 135.4140, 28.3899,  
-99.4641

■ 147.9500, 22.2097,  
-77.1321

■ 128.2600, 31.9168,  
-110.7300

■ 155.1040, 18.6827,  
-65.8662

■ 127.6620, 32.2116,  
-111.9596

■ 161.3720, 15.5926,  
-54.7002

■ 167.6400, 12.5025,  
-43.5343

■ 174.2070, 9.2649,  
-31.7535

■ 181.0620, 5.8854,  
-21.1024

■ 187.3300, 2.7953,  
-9.9364

■ 193.5980, -0.2948,  
1.2296

■ 200.1650, -3.5323,  
13.0103

# Harmonies

## Analogous

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



149.5810, 5.1366, -61.0225



141.6820, 25.2998, -88.2981



147.6800, 35.1608, -77.7724

# Triad

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



141.6820, 25.2998, -88.2981



170.7150, 15.9165, 28.3139



164.7170, -30.9195, 23.9272

# Complementary

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



141.6820, 25.2998, -88.2981



92.3180, -25.2998, 88.2981

# 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.



166.5160, -25.8904, 44.2745



141.6820, 25.2998, -88.2981



170.2370, 0.8692, 48.0272

# Square

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



141.6820, 25.2998, -88.2981



167.6060, 27.8022, -4.0395



168.3720, -13.9874, 53.1708



161.2900, -26.7650, -2.0083



# Rectangle

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



141.6820, 25.2998, -88.2981



156.2360, 35.3797, -54.5810



168.3720, -13.9874, 53.1708



165.2880, -30.2150, 31.3194

# Sweetspot

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



141.6820, 25.2998, -88.2981



229.7120, 10.0020, -34.8274



131.1360, -40.4930, -79.0493



113.0620, 5.8854, -21.1024



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.6820, 25.2998, -88.2981



169.4460, 39.7131, -138.0801



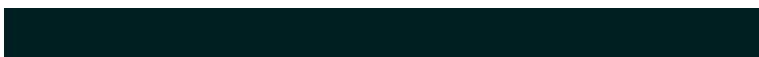
98.2440, 46.7147, -50.2030



93.4230, 1.7635, -5.6330



106.4040, 26.9158, -93.3163



21.9590, 5.4432, -19.2580



# Inverse Universe

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



102.6360, 39.6195, 79.2492



108.4700, 61.8863, 124.1218



135.7560, -46.7147, 50.2030



91.0160, 2.4571, 5.2480



65.2390, 41.7872, 83.9824

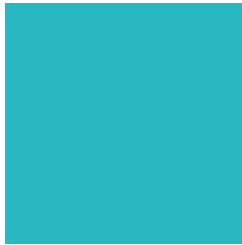


13.4010, 8.6763, 17.1883



# Previews

## White Background



This preview shows how the YUV color 141.6820, 25.2998, -88.2981 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 141.6820, 25.2998, -88.2981 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

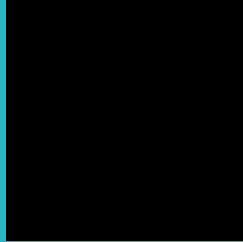
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

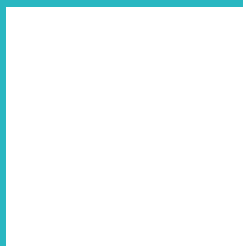
Any Text WCAG AAA ✓ Pass

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

# YUV 141.6820, 25.2998, -88.2981 Background



This preview shows how black text looks on a background with the YUV color 141.6820, 25.2998, -88.2981.



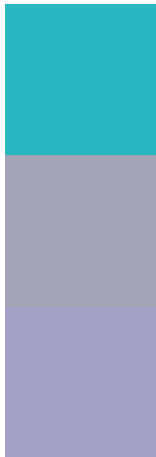
This preview shows how white text looks on a background with the YUV color 141.6820, 25.2998, -88.2981.



# 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

141.6820, 25.2998, -88.2981

### Protanopia

165.6390, 7.5730, -2.3144

### Deuteranopia

166.4140, 15.5719, -1.2401



## Tritanopia

142.7470, 26.7467, -85.7241

# Trichromacy



## Original Color

141.6820, 25.2998, -88.2981

## Protanomaly

157.0480, 13.7803, -33.3681

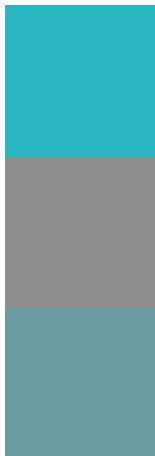
## Deuteranomaly

157.4270, 19.0165, -32.8235

## Tritanomaly

142.3340, 26.4573, -86.2389

# Monochromacy



## Original Color

141.6820, 25.2998, -88.2981

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

141.9080, 9.4124, -32.3683

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.6820, 25.2998, -88.2981 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(41, 183, 193)` looks like.

```
.text, #text, p{  
    color:rgb(41, 183, 193)  
}
```

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(41, 183, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 183, 193) }
```

## Border

The CSS property to change the border of an element to YUV 141.6820, 25.2998, -88.2981 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".

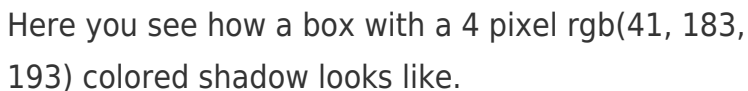
```
.border, #border, table{ border:4px solid rgb(41, 183, 193) }
```



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

```
.border{ border-color:rgb(41, 183, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 183, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 183, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 183, 193); box-shadow:4px 4px 4px 4px rgb(41, 183, 193) }
```

# Background

The CSS property to change the background color of an element to YUV 141.6820, 25.2998, -88.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 183, 193) }
```

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

```
.background{ background-color: rgb(41, 183,  
193) }
```

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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