

Converting Colors

YUV(136.9820, 20.2219,
-92.9462)

Have a look what the booklet for
YUV(136.9820, 20.2219, -92.9462)
contains.

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Color

**YUV(136.9820, 20.2219,
-92.9462)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1FB7B2 |
| RGB | 31, 183, 178 |
| RGB Percent | 12%, 72%, 70% |
| CMY | 0.8784, 0.2824, 0.3020 |
| CMYK | 0.83, 0.00, 0.03, 0.28 |
| HSL | 178°, 71%, 42% |
| HSV | 178°, 83%, 72% |
| XYZ | 25.5344, 37.3726, 47.9873 |
| YIQ | 136.9820, -88.9870, -33.7790 |

Conversions

Conversions Part 2

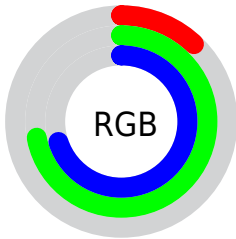
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 31, 108, 183 |
| Decimal | 2078642 |
| CIE _{Lab} | 67.56, -37.53, -8.14 |
| CIE _{LCh} | 68, 38.400, 192.238 |
| Yxy | 37.3726, 0.2303, 0.3370 |
| Android (android.graphics.Color) | 4280268722 (0xFF1FB7B2) |
| YUV | 136.9820, 20.2219, -92.9462 |
| Hunter-Lab | 61.1332, -32.4261, -3.7473 |

Details

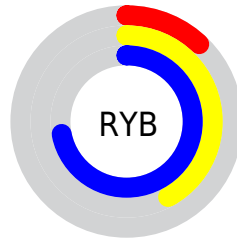
The YUV color **136.9820, 20.2219, -92.9462** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **77.0180, -20.2219, 92.9462**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8480, 16.8369, -80.5507**, and **89.9730, 17.2683, -78.9063** is the 20% darker color. If you saturate the color by 10%, you get **131.4860, 22.4384, -103.9122**, and if you desaturate by 10%, it is **142.4780, 18.0053, -81.9802**.

Distribution



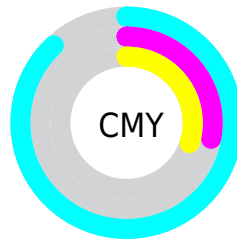
- Red (12%)
- Green (72%)
- Blue (70%)



- Red (12%)
- Yellow (42%)
- Blue (72%)



- Cyan (83%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)




- Cyan (88%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.9820, 20.2219, -92.9462 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 136.9820, 20.2219, -92.9462 by changing the saturation by 10% instead.


 136.9820, 20.2219,
-92.9462


 136.9820, 20.2219,
-92.9462


255.0000, 0.0000,
0.0000


 108.7860, 20.8115,
-95.4053


 199.8480, 16.8369,
-80.5507

 89.9730, 17.2683,
-78.9063

 220.3160, 17.0992,
-71.3141

 72.5620, 14.0199,
-63.6369

 229.2860, 12.6770,
-52.8708

 55.1510, 10.7716,
-48.3674

 238.5550, 8.1074,
-33.8127

 38.4410, 7.6706,
-33.7128

 247.5250, 3.6852,
-15.3694

 23.7200, 4.5750,
-20.8024

 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 136.9820, 20.2219,
-92.9462

■ 136.9820, 20.2219,
-92.9462

■ 131.4860, 22.4384,
-103.9122

■ 142.4780, 18.0053,
-81.9802

■ 127.5990, 24.3547,
-111.9043

■ 148.1590, 15.2046,
-70.2994

■ 153.6550, 12.9881,
-59.3334

■ 159.0370, 10.3348,
-48.2674

■ 164.5330, 8.1182,
-37.3014

■ 170.3280, 5.7543,
-25.7207

■ 175.7100, 3.1010,
-14.6547

■ 181.2060, 0.8844,
-3.6887

■ 186.8870, -1.9163,
7.9921

Harmonies

Analogous

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



149.3450, -3.6211, -52.0456



136.9820, 20.2219, -92.9462



130.1870, 39.3478, -114.1740

Triad

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



136.9820, 20.2219, -92.9462



168.5870, 23.3746, 16.1482



163.5660, -31.8310, 36.3376

Complementary

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



136.9820, 20.2219, -92.9462



77.0180, -20.2219, 92.9462

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.



165.7820, -22.5705, 52.8112



136.9820, 20.2219, -92.9462



168.9790, 8.8844, 43.8684

Square

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



136.9820, 20.2219, -92.9462



163.0920, 33.9716, -22.8827



167.0010, -7.8885, 57.0041



160.7000, -31.8971, 10.7871

Rectangle

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



136.9820, 20.2219, -92.9462



144.2000, 39.8344, -83.4904



167.0010, -7.8885, 57.0041



164.1800, -29.6687, 42.8151

Sweetspot

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



136.9820, 20.2219, -92.9462



219.1310, 7.8234, -36.0719



121.7190, -44.7245, -75.1756



109.1220, 4.8699, -22.0320



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



136.9820, 20.2219, -92.9462



165.2250, 31.4411, -144.9023



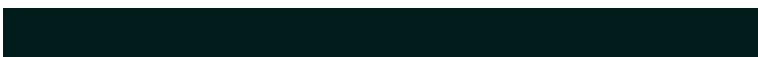
95.8750, 42.9526, -56.8954



89.1950, 0.8899, -5.4330



108.6720, 20.3747, -95.3053



19.5140, 3.6906, -17.1138

Inverse Universe

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



77.0180, -20.2219, 92.9462



71.7750, -31.4411, 144.9023



118.1250, -42.9526, 56.8954



85.6910, -1.3267, 5.5330



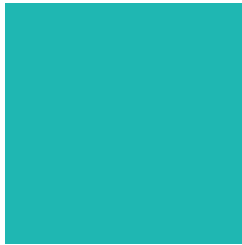
47.2140, -20.8115, 95.4053



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 136.9820, 20.2219, -92.9462 looks on a white background.

Color Contrast Check

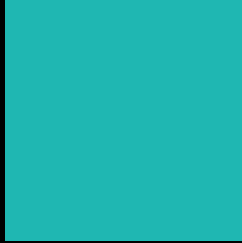
Large Text (above 18pt) WCAG AA × Fail

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 136.9820, 20.2219, -92.9462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

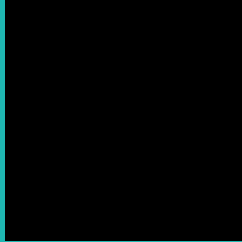
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

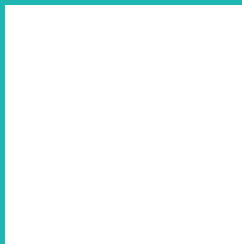
Any Text WCAG AAA ✓ Pass

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

YUV 136.9820, 20.2219, -92.9462 Background



This preview shows how black text looks on a background with the YUV color 136.9820, 20.2219, -92.9462.

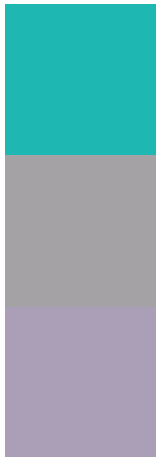


This preview shows how white text looks on a background with the YUV color 136.9820, 20.2219,

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

136.9820, 20.2219, -92.9462

Protanopia

163.3530, 1.3050, 1.4444

Deuteranopia

165.0250, 8.8617, 4.3631



Tritanopia

141.9430, 26.1571, -83.2650

Trichromacy



Original Color

136.9820, 20.2219, -92.9462

Protanomaly

153.8540, 7.9600, -33.1980

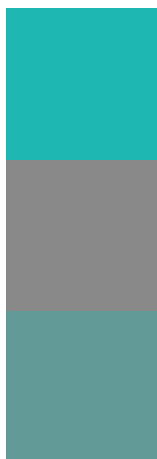
Deuteranomaly

154.8310, 12.9013, -31.4238

Tritanomaly

140.0520, 24.1314, -86.8686

Monochromacy



Original Color

136.9820, 20.2219, -92.9462

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0280, 7.3812, -34.2276

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9820, 20.2219, -92.9462 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, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(31, 183, 178)  
}
```

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, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 183, 178) }
```

Border

The CSS property to change the border of an element to YUV 136.9820, 20.2219, -92.9462 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, 183, 178) }
```


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

```
.border{ border-color:rgb(31, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(31, 183,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 136.9820, 20.2219, -92.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 183, 178) }
```

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

```
.background{ background-color: rgb(31, 183,  
178) }
```

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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