

Converting Colors

YUV(151.8270, -8.2957,
-92.8103)

Have a look what the booklet for
YUV(151.8270, -8.2957, -92.8103)
contains.

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Color

**YUV(151.8270, -8.2957,
-92.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED187
RGB	46, 209, 135
RGB Percent	18%, 82%, 53%
CMY	0.8196, 0.1804, 0.4706
CMYK	0.78, 0.00, 0.35, 0.18
HSL	153°, 64%, 50%
HSV	153°, 78%, 82%
XYZ	28.3004, 47.9310, 30.6817
YIQ	151.8270, -73.3940, -57.5700

Conversions

Conversions Part 2

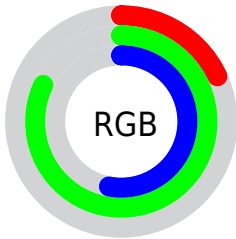
Format	Color
RYB	46, 151, 209
Decimal	3068295
CIELab	74.78, -57.42, 25.40
CIELCh	75, 62.788, 156.139
Yxy	47.9310, 0.2647, 0.4483
Android (android.graphics.Color)	4281258375 (0xFF2ED187)
YUV	151.8270, -8.2957, -92.8103
Hunter-Lab	69.2322, -48.1902, 22.1870

Details

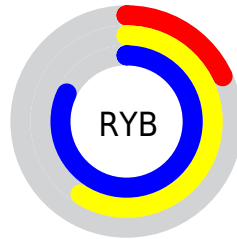
The YUV color **151.8270, -8.2957, -92.8103** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **103.1730, 8.2957, 92.8103**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5130, -8.6339, -77.6259**, and **99.5010, -7.1490, -87.2624** is the 20% darker color. If you saturate the color by 10%, you get **144.5220, -9.1313, -104.8208**, and if you desaturate by 10%, it is **159.1320, -7.4601, -80.7998**.

Distribution



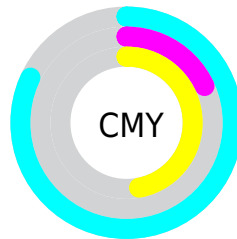
- Red (18%)
- Green (82%)
- Blue (53%)



- Red (18%)
- Yellow (59%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8270, -8.2957, -92.8103 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 151.8270, -8.2957, -92.8103 by changing the saturation by 10% instead.

■ 151.8270, -8.2957,
-92.8103

■ 151.8270, -8.2957,
-92.8103

255.0000, 0.0000,
0.0000

■ 118.6730, -4.7688,
-104.0762

■ 206.5130, -8.6339,
-77.6259

■ 99.5010, -7.1490,
-87.2624

■ 218.9740, -0.9732,
-61.3672

■ 80.9160, -9.8186,
-70.9633

■ 231.1360, 6.8350,
-45.7233

■ 63.0320, -12.3408,
-55.2791

■ 241.5450, 6.6333,
-27.6650

■ 45.7350, -15.1524,
-40.1096

■ 250.5150, 2.2111,
-9.2217

■ 29.9370, -14.7589,
-26.2547

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 151.8270, -8.2957,
-92.8103

■ 151.8270, -8.2957,
-92.8103

■ 144.5220, -9.1313,
-104.8208

■ 159.1320, -7.4601,
-80.7998

■ 137.1030,
-10.4038, -116.7313

■ 166.5510, -6.1876,
-68.8892

■ 135.6790,
-10.6877, -118.9905

■ 173.8560, -5.3520,
-56.8787

■ 181.2750, -4.0796,
-44.9682

■ 188.5800, -3.2439,
-32.9577

■ 195.7000, -1.8241,
-21.6619

■ 203.0050, -0.9885,
-9.6514

■ 210.4240, 0.2840,
2.2592

■ 217.7290, 1.1196,
14.2697

Harmonies

Analogous

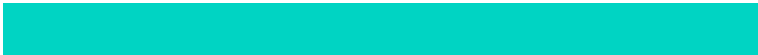
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.1460, -41.9770, -22.9300



151.8270, -8.2957, -92.8103



146.6740, 23.8247, -128.6331

Triad

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



151.8270, -8.2957, -92.8103



165.4610, 44.1427, -65.3023



173.1650, -26.7033, 71.7693

Complementary

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



151.8270, -8.2957, -92.8103



103.1730, 8.2957, 92.8103

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.



173.5650, 0.2145, 71.4185



151.8270, -8.2957, -92.8103



186.0350, 33.9997, 14.8783

Square

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



151.8270, -8.2957, -92.8103



147.6440, 52.9265, -129.4838



185.4600, 22.9442, 60.9866



180.5790, -51.5574, 63.5132

Rectangle

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



151.8270, -8.2957, -92.8103



151.0060, 40.4230, -132.4323



185.4600, 22.9442, 60.9866



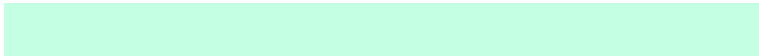
172.1680, -17.8308, 72.6437

Sweetspot

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



151.8270, -8.2957, -92.8103



234.2810, -3.0965, -33.5724



164.4050, -58.3737, -37.1892



115.2980, -2.1189, -20.4323



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.



151.8270, -8.2957, -92.8103



170.8140, -12.2333, -136.6489



157.3280, 25.4743, -97.6347



101.1410, -0.5625, -6.2627



109.1040, -8.4323, -95.6842



26.5750, -2.2555, -23.3063

Inverse Universe

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



103.1730, 8.2957, 92.8103



99.1860, 12.2333, 136.6489



97.6720, -25.4743, 97.6347



97.8590, 0.5625, 6.2627



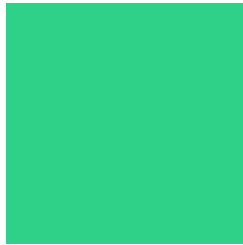
58.8960, 8.4323, 95.6842



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 151.8270, -8.2957, -92.8103 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 151.8270, -8.2957, -92.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

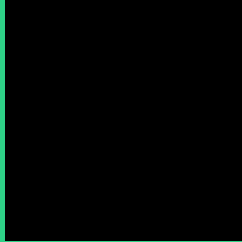
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.8270, -8.2957, -92.8103

Background



This preview shows how black text looks on a background with the YUV color 151.8270, -8.2957, -92.8103.



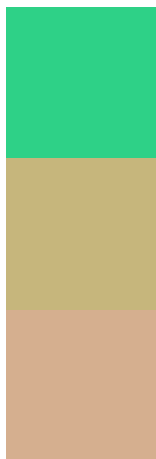
This preview shows how white text looks on a background with the YUV color 151.8270, -8.2957,

-92.8103.

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

151.8270, -8.2957, -92.8103

Protanopia

180.1720, -27.6928, 15.6352

Deuteranopia

182.7140, -19.5790, 26.5608



Tritanopia

166.4390, 23.9406, -72.2990

Trichromacy



Original Color

151.8270, -8.2957, -92.8103



Protanomaly

170.0530, -20.7321, -23.7255



Deuteranomaly

171.1770, -15.3703, -16.8182



Tritanomaly

161.2950, 12.1796, -80.0657

Monochromacy



Original Color

151.8270, -8.2957, -92.8103



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9820, -2.9491, -34.1872

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8270, -8.2957, -92.8103 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(46, 209, 135)` looks like.

```
.text, #text, p{  
    color:rgb(46, 209, 135)  
}
```

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(46, 209, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 209, 135) }
```

Border

The CSS property to change the border of an element to YUV 151.8270, -8.2957, -92.8103 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(46, 209, 135) }
```


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

```
.border{ border-color:rgb(46, 209, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 209, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 209, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 209, 135);  
box-shadow:4px 4px 4px 4px rgb(46, 209,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 151.8270, -8.2957, -92.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 209, 135) }
```

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

```
.background{ background-color: rgb(46, 209,  
135) }
```

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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