

Converting Colors

YUV(149.6350, 19.8999,
-82.9949)

Have a look what the booklet for
YUV(149.6350, 19.8999, -82.9949)
contains.

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Color

**YUV(149.6350, 19.8999,
-82.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	37BEBE
RGB	55, 190, 190
RGB Percent	22%, 75%, 75%
CMY	0.7843, 0.2549, 0.2549
CMYK	0.71, 0.00, 0.00, 0.25
HSL	180°, 55%, 48%
HSV	180°, 71%, 75%
XYZ	29.2833, 41.3568, 55.1545
YIQ	149.6350, -80.4600, -28.6200

Conversions

Conversions Part 2

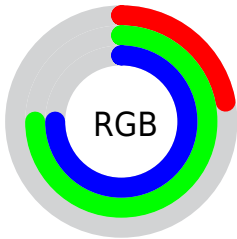
Format	Color
R _{YB}	55, 123, 190
Decimal	3653310
CIE Lab	70.43, -34.82, -10.42
CIE LCh	70, 36.349, 196.660
Yxy	41.3568, 0.2328, 0.3288
Android (android.graphics.Color)	4281843390 (0xFF37BEBE)
YUV	149.6350, 19.8999, -82.9949
Hunter-Lab	64.3093, -31.2612, -5.8332

Details

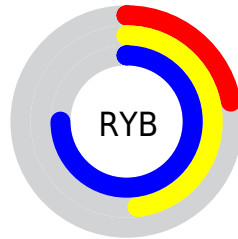
The YUV color **149.6350, 19.8999, -82.9949** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **95.3650, -19.8999, 82.9949**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5110, 17.9891, -76.7471**, and **95.4500, 20.4842, -83.7096** is the 20% darker color. If you saturate the color by 10%, you get **143.9540, 22.7007, -94.6757**, and if you desaturate by 10%, it is **155.3160, 17.0992, -71.3141**.

Distribution



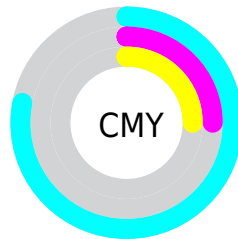
- Red (22%)
- Green (75%)
- Blue (75%)



- Red (22%)
- Yellow (48%)
- Blue (75%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6350, 19.8999, -82.9949 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 149.6350, 19.8999, -82.9949 by changing the saturation by 10% instead.

■ 149.6350, 19.8999,
-82.9949

■ 149.6350, 19.8999,
-82.9949

■ 255.0000, 0.0000,
0.0000

■ 114.2630, 24.0273,
-100.2087

■ 209.5110, 17.9891,
-76.7471

■ 95.4500, 20.4842,
-83.7096

■ 224.5020, 15.0355,
-62.7073

■ 77.2240, 16.6516,
-67.7254

■ 233.4720, 10.6133,
-44.2639

■ 59.8130, 13.4032,
-52.4560

■ 242.4420, 6.1911,
-25.8206

■ 43.1030, 10.3022,
-37.8013

■ 251.7110, 1.6215,
-6.7625

■ 28.2680, 6.7699,
-24.7910

■ 4.8560, 8.4520,

-4.2587

■ 0.0000, 0.0000,
0.0000

■ 149.6350, 19.8999,
-82.9949

■ 149.6350, 19.8999,
-82.9949

■ 143.9540, 22.7007,
-94.6757

■ 155.3160, 17.0992,
-71.3141

■ 138.2730, 25.5014,
-106.3564

■ 160.9970, 14.2985,
-59.6334

■ 133.1900, 28.0073,
-116.8076

■ 166.6780, 11.4977,
-47.9526

■ 172.3590, 8.6970,
-36.2718

■ 178.0400, 5.8963,
-24.5911

■ 183.7210, 3.0955,
-12.9103

■ 189.4020, 0.2948,
-1.2296

■ 195.0830, -2.5059,
10.4512

■ 200.7640, -5.3067,
22.1320

Harmonies

Analogous

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



157.7300, -0.8529, -53.2602



149.6350, 19.8999, -82.9949



149.6850, 34.1723, -87.4237

Triad

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



149.6350, 19.8999, -82.9949



176.5120, 20.4536, 19.7220



171.0600, -31.0886, 31.5194

Complementary

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



149.6350, 19.8999, -82.9949



95.3650, -19.8999, 82.9949

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.



173.2330, -23.2859, 48.9077



149.6350, 19.8999, -82.9949



176.1810, 5.8268, 44.5683

Square

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



149.6350, 19.8999, -82.9949



172.3380, 30.8924, -15.2054



174.8220, -9.7722, 54.5301



168.2480, -29.7023, 6.7985

Rectangle

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



149.6350, 19.8999, -82.9949



158.3870, 36.2912, -66.9914



174.8220, -9.7722, 54.5301



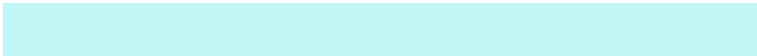
171.8590, -29.5105, 38.7117

Sweetspot

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



149.6350, 19.8999, -82.9949



231.4520, 7.6652, -31.9684



134.2450, -39.0678, -69.4979



115.7310, 4.5696, -19.0581



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.



149.6350, 19.8999, -82.9949



184.2100, 30.9555, -129.1032



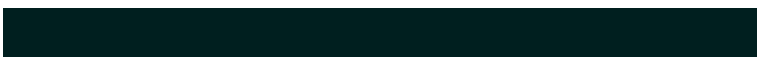
110.3060, 39.2891, -48.5034



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

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



110.7550, 39.0678, 69.4979



123.7300, 60.7721, 108.1078



135.2810, -39.5785, 47.9886



88.7170, 2.6045, 4.6332



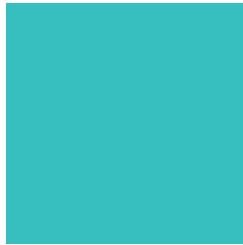
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 149.6350, 19.8999, -82.9949 looks on a white background.

Color Contrast Check

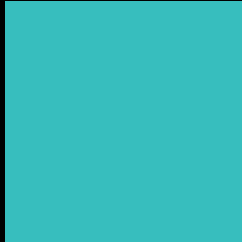
Large Text (above 18pt) WCAG AA × Fail

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 149.6350, 19.8999, -82.9949 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

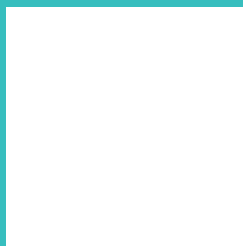
Any Text WCAG AAA ✓ Pass

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

YUV 149.6350, 19.8999, -82.9949 Background



This preview shows how black text looks on a background with the YUV color 149.6350, 19.8999, -82.9949.



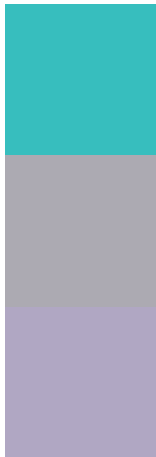
This preview shows how white text looks on a background with the YUV color 149.6350, 19.8999, -82.9949.

-82.9949.

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

149.6350, 19.8999, -82.9949

Protanopia

171.5100, 3.1996, 0.4297

Deuteranopia

172.8830, 10.9037, 2.7336



Tritanopia

152.3350, 24.9778, -78.3468

Trichromacy



Original Color

149.6350, 19.8999, -82.9949

Protanomaly

163.2180, 9.2595, -30.0092

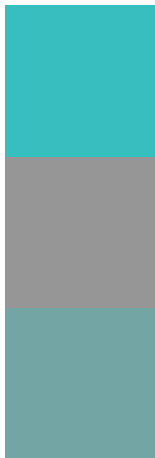
Deuteranomaly

164.1950, 14.2009, -28.2350

Tritanomaly

151.4550, 22.9467, -80.2060

Monochromacy



Original Color

149.6350, 19.8999, -82.9949

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0500, 7.3704, -30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6350, 19.8999, -82.9949 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(55, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(55, 190, 190)  
}
```

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(55, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 190, 190) }
```

Border

The CSS property to change the border of an element to YUV 149.6350, 19.8999, -82.9949 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(55, 190, 190) }
```


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

```
.border{ border-color:rgb(55, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(55, 190,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 149.6350, 19.8999, -82.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 190, 190) }
```

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

```
.background{ background-color: rgb(55, 190,  
190) }
```

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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