

Converting Colors

YUV(149.7950, 13.9051,
-73.4882)

Have a look what the booklet for
YUV(149.7950, 13.9051, -73.4882)
contains.

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Color

**YUV(149.7950, 13.9051,
-73.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	42BBB2
RGB	66, 187, 178
RGB Percent	26%, 73%, 70%
CMY	0.7412, 0.2667, 0.3020
CMYK	0.65, 0.00, 0.05, 0.27
HSL	176°, 48%, 50%
HSV	176°, 65%, 73%
XYZ	28.0530, 39.9133, 48.3450
YIQ	149.7950, -69.2270, -28.4510

Conversions

Conversions Part 2

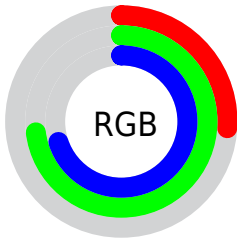
Format	Color
RYB	66, 129, 187
Decimal	4373426
CIELab	69.41, -35.23, -5.32
CIELCh	69, 35.634, 188.593
Yxy	39.9133, 0.2412, 0.3432
Android (android.graphics.Color)	4282563506 (0xFF42BBB2)
YUV	149.7950, 13.9051, -73.4882
Hunter-Lab	63.1769, -31.2988, -1.1467

Details

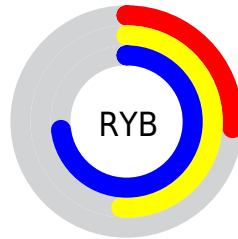
The YUV color **149.7950, 13.9051, -73.4882** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **103.2050, -13.9051, 73.4882**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1760, 12.7312, -70.3144**, and **92.3210, 16.1107, -80.9655** is the 20% darker color. If you saturate the color by 10%, you get **144.0000, 16.2690, -85.0690**, and if you desaturate by 10%, it is **155.5900, 11.5411, -61.9074**.

Distribution



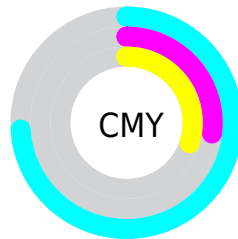
- Red (26%)
- Green (73%)
- Blue (70%)



- Red (26%)
- Yellow (51%)
- Blue (73%)



- Cyan (65%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (74%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7950, 13.9051, -73.4882 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 149.7950, 13.9051, -73.4882 by changing the saturation by 10% instead.

■ 149.7950, 13.9051,
-73.4882

■ 149.7950, 13.9051,
-73.4882

■ 255.0000, 0.0000,
0.0000

■ 118.3100, 16.1162,
-82.7099

■ 208.1760, 12.7312,
-70.3144

■ 92.3210, 16.1107,
-80.9655

■ 225.9970, 14.2985,
-59.6334

■ 74.3230, 13.1518,
-65.1813

■ 234.6680, 10.0237,
-41.8048

■ 56.9120, 9.9034,
-49.9118

■ 243.6380, 5.6015,
-23.3615

■ 40.7890, 6.5130,
-35.7720

■ 252.6080, 1.1793,
-4.9182

■ 26.0680, 3.4175,
-22.8616

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 149.7950, 13.9051,
-73.4882

■ 149.7950, 13.9051,
-73.4882

■ 144.0000, 16.2690,
-85.0690

■ 155.5900, 11.5411,
-61.9074

■ 138.3900, 18.0487,
-95.9350

■ 161.2000, 9.7614,
-51.0414

■ 132.5950, 20.4127,
-107.5158

■ 166.9950, 7.3975,
-39.4606

■ 129.4910, 21.4499,
-113.5636

■ 172.9040, 5.4703,
-27.9798

■ 178.6990, 3.1064,
-16.3990

■ 184.1950, 0.8899,
-5.4330

■ 190.1040, -1.0373,
6.0478

■ 195.8990, -3.4012,
17.6286

■ 201.5090, -5.1809,
28.4946

Harmonies

Analogous

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



157.1180, -5.9742, -43.9535



149.7950, 13.9051, -73.4882



146.1750, 30.9727, -87.8535

Triad

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



149.7950, 13.9051, -73.4882



173.1410, 23.1015, 10.4003



169.5490, -29.3577, 36.3525

Complementary

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



149.7950, 13.9051, -73.4882



103.2050, -13.9051, 73.4882

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.



170.8680, -19.6549, 50.9818



149.7950, 13.9051, -73.4882



174.1740, 9.7742, 38.4354

Square

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



149.7950, 13.9051, -73.4882



167.3260, 32.3773, -24.8419



172.8370, -5.8356, 51.8860



166.7650, -30.4501, 13.3611

Rectangle

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



149.7950, 13.9051, -73.4882



152.7020, 35.1499, -74.2837



172.8370, -5.8356, 51.8860



169.8640, -27.0480, 42.2153

Sweetspot

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



149.7950, 13.9051, -73.4882



227.9040, 5.4703, -27.9798



140.0170, -36.4904, -56.1429



113.4000, 3.2538, -17.0138



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



149.7950, 13.9051, -73.4882



183.8930, 21.7448, -114.7932



121.4710, 32.3058, -48.6481



91.3090, 1.3267, -5.5330



109.3900, 18.0487, -95.9350



21.3890, 3.2592, -18.7582

Inverse Universe

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



103.2050, -13.9051, 73.4882



111.1070, -21.7448, 114.7932



131.5290, -32.3058, 48.6481



87.8050, -0.8899, 5.4330



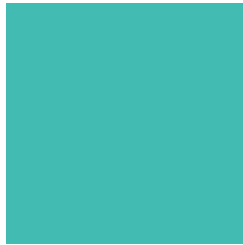
48.6100, -18.0487, 95.9350



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 149.7950, 13.9051, -73.4882 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 149.7950, 13.9051, -73.4882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

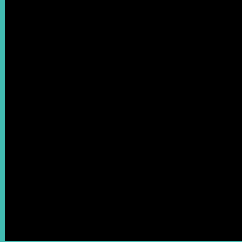
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.7950, 13.9051, -73.4882

Background



This preview shows how black text looks on a background with the YUV color 149.7950, 13.9051, -73.4882.



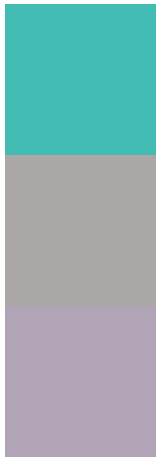
This preview shows how white text looks on a background with the YUV color 149.7950, 13.9051, -73.4882.

-73.4882.

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

149.7950, 13.9051, -73.4882

Protanopia

168.4950, -0.7370, 3.0739

Deuteranopia

170.3520, 6.2355, 6.7073



Tritanopia

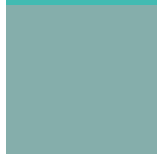
153.4180, 22.4719, -67.8956

Trichromacy



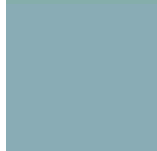
Original Color

149.7950, 13.9051, -73.4882



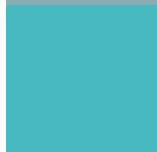
Protanomaly

161.3990, 4.7333, -24.9059



Deuteranomaly

162.5610, 9.0904, -22.4170



Tritanomaly

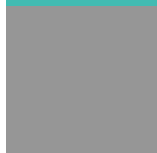
151.8970, 19.2778, -70.0697

Monochromacy



Original Color

149.7950, 13.9051, -73.4882



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.5020, 5.1755, -26.7503

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7950, 13.9051, -73.4882 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(66, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(66, 187, 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(66, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 187, 178) }
```

Border

The CSS property to change the border of an element to YUV 149.7950, 13.9051, -73.4882 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(66, 187, 178) }
```


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

```
.border{ border-color:rgb(66, 187, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 187, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(66, 187,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 149.7950, 13.9051, -73.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 187, 178) }
```

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

```
.background{ background-color: rgb(66, 187,  
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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