

Converting Colors

YUV(153.9410, 12.3541,
-89.4023)

Have a look what the booklet for
YUV(153.9410, 12.3541, -89.4023)
contains.

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Color

**YUV(153.9410, 12.3541,
-89.4023)**

Conversions

Conversions Part 1

Format	Color
Hex	34C9B3
RGB	52, 201, 179
RGB Percent	20%, 79%, 70%
CMY	0.7961, 0.2118, 0.2980
CMYK	0.74, 0.00, 0.11, 0.21
HSL	171°, 59%, 50%
HSV	171°, 74%, 79%
XYZ	30.4395, 45.7580, 49.8757
YIQ	153.9410, -81.7420, -38.4300

Conversions

Conversions Part 2

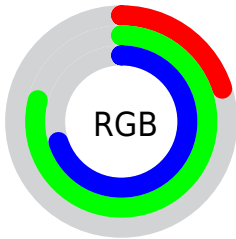
Format	Color
RYB	52, 132, 201
Decimal	3459507
CIELab	73.39, -43.21, -0.05
CIELCh	73, 43.207, 180.072
Yxy	45.7580, 0.2414, 0.3629
Android (android.graphics.Color)	4281649587 (0xFF34C9B3)
YUV	153.9410, 12.3541, -89.4023
Hunter-Lab	67.6447, -38.0548, 3.6357

Details

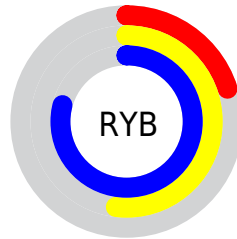
The YUV color **153.9410, 12.3541, -89.4023** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **99.0590, -12.3541, 89.4023**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6540, 11.0166, -80.3806**, and **100.0660, 12.7855, -87.7579** is the 20% darker color. If you saturate the color by 10%, you get **147.6190, 13.9918, -101.3979**, and if you desaturate by 10%, it is **160.2630, 10.7163, -77.4067**.

Distribution



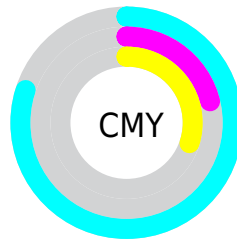
- Red (20%)
- Green (79%)
- Blue (70%)



- Red (20%)
- Yellow (52%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (80%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9410, 12.3541, -89.4023 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 153.9410, 12.3541, -89.4023 by changing the saturation by 10% instead.

■ 153.9410, 12.3541,
-89.4023

■ 153.9410, 12.3541,
-89.4023

■ 255.0000, 0.0000,
0.0000

■ 118.8790, 16.3287,
-104.2569

■ 212.6540, 11.0166,
-80.3806

■ 100.0660, 12.7855,
-87.7579

■ 224.2030, 15.1829,
-63.3220

■ 81.9540, 9.3897,
-71.8737

■ 233.1730, 10.7607,
-44.8787

■ 64.0700, 6.8675,
-56.1894

■ 242.4420, 6.1911,
-25.8206

■ 46.7730, 4.0559,
-41.0199

■ 251.4120, 1.7689,
-7.3773

■ 30.8780, 1.5391,
-27.0800

■ 13.1080, -0.5462,

-11.4957

■ 0.0000, 0.0000,
0.0000

■ 153.9410, 12.3541,
-89.4023

■ 153.9410, 12.3541,
-89.4023

■ 147.6190, 13.9918,
-101.3979

■ 160.2630, 10.7163,
-77.4067

■ 141.2970, 15.6296,
-113.3935

■ 166.5850, 9.0786,
-65.4110

■ 137.4810, 16.5249,
-120.5708

■ 172.9070, 7.4408,
-53.4154

■ 179.2290, 5.8031,
-41.4198

■ 185.8500, 4.0180,
-28.8094

■ 192.1720, 2.3802,
-16.8138

■ 198.4940, 0.7425,
-4.8182

■ 204.8160, -0.8953,
7.1774

■ 211.1380, -2.5330,
19.1730

Harmonies

Analogous

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



166.1690, -13.3943, -43.9982



153.9410, 12.3541, -89.4023



142.3660, 37.7806, -124.8550

Triad

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



153.9410, 12.3541, -89.4023



183.1920, 32.4433, 0.7086



180.0130, -33.0374, 49.9776

Complementary

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



153.9410, 12.3541, -89.4023



99.0590, -12.3541, 89.4023

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.



181.7710, -19.1141, 64.2218



153.9410, 12.3541, -89.4023



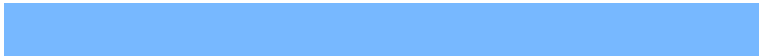
185.4220, 17.0470, 39.0949

Square

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



153.9410, 12.3541, -89.4023



172.6590, 40.5941, -47.0589



184.1570, -1.0634, 61.2523



177.1810, -38.0502, 24.3973

Rectangle

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



153.9410, 12.3541, -89.4023



142.9990, 47.8215, -125.4101



184.1570, -1.0634, 61.2523



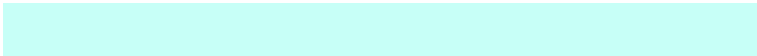
180.9690, -29.5647, 56.1552

Sweetspot

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



153.9410, 12.3541, -89.4023



237.3440, 4.7604, -33.6277



146.0410, -46.3622, -63.1800



117.2640, 2.8278, -20.4025



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.



153.9410, 12.3541, -89.4023



183.2510, 18.6103, -136.1551



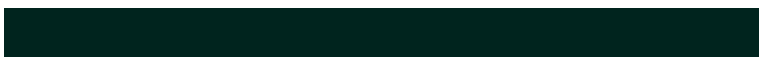
125.9250, 37.0120, -64.8322



96.1950, 0.8899, -5.4330



111.5270, 13.5442, -97.8092



24.5520, 2.6859, -21.5321

Inverse Universe

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



99.0590, -12.3541, 89.4023



99.7490, -18.6103, 136.1551



127.0750, -37.0120, 64.8322



92.8050, -0.8899, 5.4330



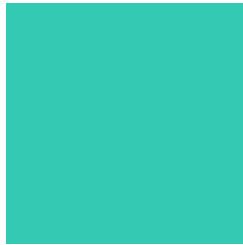
51.4730, -13.5442, 97.8092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 153.9410, 12.3541, -89.4023 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 153.9410, 12.3541, -89.4023 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

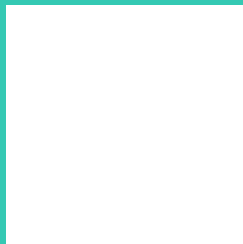
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.9410, 12.3541, -89.4023

Background



This preview shows how black text looks on a background with the YUV color 153.9410, 12.3541, -89.4023.

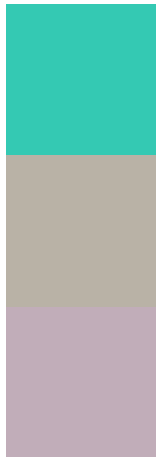


This preview shows how white text looks on a background with the YUV color 153.9410, 12.3541, -89.4023.

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

153.9410, 12.3541, -89.4023

Protanopia

178.7250, -6.2734, 5.5032

Deuteranopia

180.3480, 2.2934, 11.0958



Tritanopia

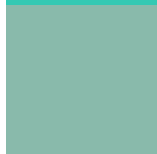
160.4490, 25.4146, -78.4468

Trichromacy



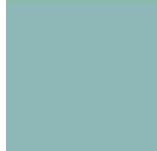
Original Color

153.9410, 12.3541, -89.4023



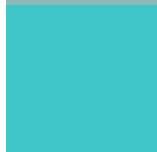
Protanomaly

169.6390, 0.6710, -28.6244



Deuteranomaly

170.7410, 6.0437, -25.2059



Tritanomaly

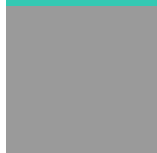
158.1620, 20.6261, -82.5801

Monochromacy



Original Color

153.9410, 12.3541, -89.4023



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9420, 4.4656, -32.3981

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9410, 12.3541, -89.4023 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(52, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(52, 201, 179)  
}
```

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(52, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 201, 179) }
```

Border

The CSS property to change the border of an element to YUV 153.9410, 12.3541, -89.4023 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(52, 201, 179) }
```


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

```
.border{ border-color:rgb(52, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(52, 201,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 153.9410, 12.3541, -89.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 201, 179) }
```

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

```
.background{ background-color: rgb(52, 201,  
179) }
```

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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