

Converting Colors

YUV(150.4450, 1.2596,
-77.5663)

Have a look what the booklet for
YUV(150.4450, 1.2596, -77.5663)
contains.

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Color

**YUV(150.4450, 1.2596,
-77.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC399
RGB	62, 195, 153
RGB Percent	24%, 76%, 60%
CMY	0.7569, 0.2353, 0.4000
CMYK	0.68, 0.00, 0.22, 0.24
HSL	161°, 53%, 50%
HSV	161°, 68%, 76%
XYZ	27.2515, 42.3543, 36.8759
YIQ	150.4450, -65.7860, -41.2580

Conversions

Conversions Part 2

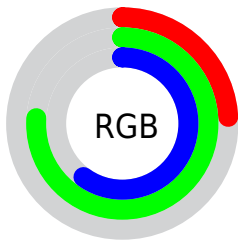
Format	Color
RYB	62, 141, 195
Decimal	4113305
CIELab	71.11, -45.79, 10.79
CIElCh	71, 47.046, 166.743
Yxy	42.3543, 0.2559, 0.3978
Android (android.graphics.Color)	4282303385 (0xFF3EC399)
YUV	150.4450, 1.2596, -77.5663
Hunter-Lab	65.0801, -39.1457, 11.9611

Details

The YUV color **150.4450, 1.2596, -77.5663** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **106.5550, -1.2596, 77.5663**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8970, -0.9352, -73.5777**, and **93.8080, 4.0387, -82.2696** is the 20% darker color. If you saturate the color by 10%, you get **144.0800, 1.4396, -88.6472**, and if you desaturate by 10%, it is **157.1090, 0.9323, -65.8706**.

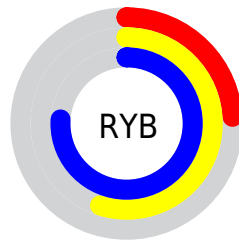
Distribution



Red (24%)

Green (76%)

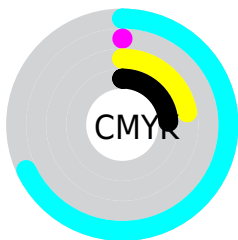
Blue (60%)



Red (24%)

Yellow (55%)

Blue (76%)

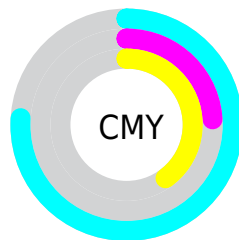


Cyan (68%)

Magenta (0%)

Yellow (22%)

Black (24%)



Cyan (76%)

Magenta (24%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.4450, 1.2596, -77.5663 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 150.4450, 1.2596, -77.5663 by changing the saturation by 10% instead.

■ 150.4450, 1.2596,
-77.5663

■ 150.4450, 1.2596,
-77.5663

■ 255.0000, 0.0000,
0.0000

■ 116.9920, 4.9339,
-89.4470

■ 208.8970, -0.9352,
-73.5777

■ 93.8080, 4.0387,
-82.2696

■ 222.9340, 6.4415,
-59.5781

■ 75.8100, 1.0797,
-66.4854

■ 234.0700, 10.3185,
-43.0344

■ 58.5130, -1.7319,
-51.3159

■ 242.7410, 6.0437,
-25.2059

■ 41.4440, -3.6699,
-36.3464

■ 252.0100, 1.4741,
-6.1478

■ 26.6090, -7.2022,
-23.3361

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 150.4450, 1.2596,
-77.5663

■ 150.4450, 1.2596,
-77.5663

■ 144.0800, 1.4396,
-88.6472

■ 157.1090, 0.9323,
-65.8706

■ 137.4160, 1.7669,
-100.3428

■ 163.4740, 0.7523,
-54.7897

■ 131.0510, 1.9469,
-111.4237

■ 170.1380, 0.4250,
-43.0940

■ 129.6270, 1.6629,
-113.6829

■ 176.6170, 0.6818,
-32.1131

■ 183.2810, 0.3545,
-20.4174

■ 189.6460, 0.1745,
-9.3365

■ 196.3100, -0.1528,
2.3591

■ 202.6750, -0.3328,
13.4400

■ 209.3390, -0.6601,
25.1357

Harmonies

Analogous

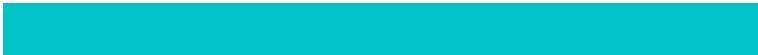
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.0970, -24.2048, -29.9031



150.4450, 1.2596, -77.5663



137.5100, 29.3286, -120.5963

Triad

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



150.4450, 1.2596, -77.5663



173.1120, 40.3708, -22.0232



174.1870, -30.1652, 62.1030

Complementary

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



150.4450, 1.2596, -77.5663



106.5550, -1.2596, 77.5663

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.



175.7530, -11.7102, 69.4996



150.4450, 1.2596, -77.5663



179.1520, 26.5471, 25.2997

Square

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



150.4450, 1.2596, -77.5663



152.3270, 50.6178, -88.8638



177.9530, 8.4042, 57.9232



171.9980, -40.4250, 39.4668

Rectangle

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



150.4450, 1.2596, -77.5663



139.4140, 41.7009, -122.2661



177.9530, 8.4042, 57.9232



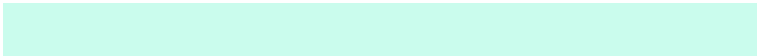
174.4140, -24.3611, 67.1659

Sweetspot

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



150.4450, 1.2596, -77.5663



235.3400, 0.8184, -29.2392



152.6290, -44.6801, -42.6476



117.5910, 0.2016, -18.0583



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.



150.4450, 1.2596, -77.5663



182.6970, 2.1214, -120.7603



141.1450, 26.5505, -69.4102



93.6680, 0.1637, -5.8478



107.0470, 1.4558, -93.8802



21.9930, 0.4965, -19.2879

Inverse Universe

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



106.5550, -1.2596, 77.5663



114.4170, -1.6846, 120.6603



115.8550, -26.5505, 69.4102



90.3320, -0.1637, 5.8478



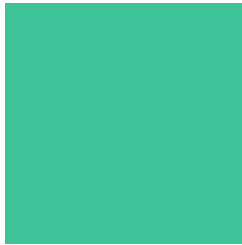
53.9530, -1.4558, 93.8802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 150.4450, 1.2596, -77.5663 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 150.4450, 1.2596, -77.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

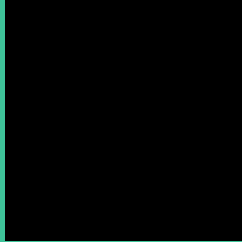
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.4450, 1.2596, -77.5663

Background



This preview shows how black text looks on a background with the YUV color 150.4450, 1.2596, -77.5663.



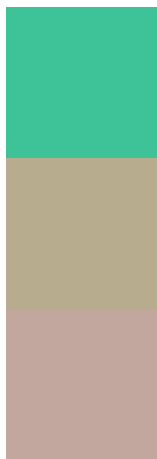
This preview shows how white text looks on a background with the YUV color 150.4450, 1.2596, -77.5663.

-77.5663.

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

150.4450, 1.2596, -77.5663

Protanopia

171.8690, -14.7254, 9.7619

Deuteranopia

174.1610, -7.4744, 17.3988



Tritanopia

158.6140, 21.8823, -65.4365

Trichromacy



Original Color

150.4450, 1.2596, -77.5663



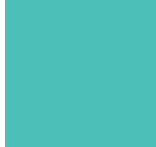
Protanomaly

163.8650, -8.8074, -21.8066



Deuteranomaly

165.4510, -4.1663, -17.0585



Tritanomaly

155.9310, 14.3310, -70.0995

Monochromacy



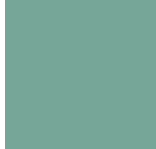
Original Color

150.4450, 1.2596, -77.5663



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9380, 0.5236, -28.0096

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4450, 1.2596, -77.5663 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(62, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(62, 195, 153)  
}
```

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(62, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 195, 153) }
```

Border

The CSS property to change the border of an element to YUV 150.4450, 1.2596, -77.5663 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(62, 195, 153) }
```


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

```
.border{ border-color:rgb(62, 195, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 195, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(62, 195,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 150.4450, 1.2596, -77.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 195, 153) }
```

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

```
.background{ background-color: rgb(62, 195,  
153) }
```

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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