

Converting Colors

YUV(153.2820, 18.5950,
-84.4393)

Have a look what the booklet for
YUV(153.2820, 18.5950, -84.4393)
contains.

YUV(153.2820, 18.5950, -84.4393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(153.2820, 18.5950,
-84.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	39C3BF
RGB	57, 195, 191
RGB Percent	22%, 76%, 75%
CMY	0.7765, 0.2353, 0.2510
CMYK	0.71, 0.00, 0.02, 0.24
HSL	178°, 55%, 49%
HSV	178°, 71%, 76%
XYZ	30.6064, 43.6617, 56.1046
YIQ	153.2820, -80.9640, -30.5000

Conversions

Conversions Part 2

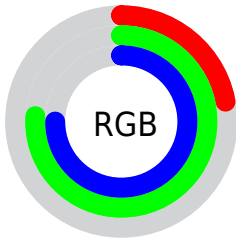
Format	Color
RYB	57, 127, 195
Decimal	3785663
CIELab	72.00, -36.61, -8.61
CIELCh	72, 37.607, 193.240
Yxy	43.6617, 0.2348, 0.3349
Android (android.graphics.Color)	4281975743 (0xFF39C3BF)
YUV	153.2820, 18.5950, -84.4393
Hunter-Lab	66.0770, -32.9547, -4.0881

Details

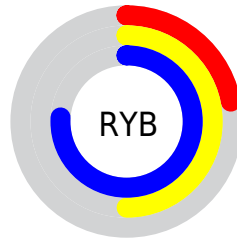
The YUV color **153.2820, 18.5950, -84.4393** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **98.7180, -18.5950, 84.4393**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1580, 16.6841, -78.1916**, and **98.4990, 19.4740, -86.3836** is the 20% darker color. If you saturate the color by 10%, you get **147.1880, 21.1063, -96.6349**, and if you desaturate by 10%, it is **159.0770, 16.2310, -72.8585**.

Distribution



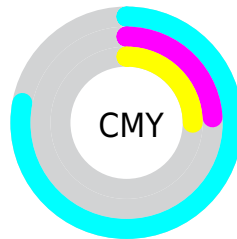
- Red (22%)
- Green (76%)
- Blue (75%)



- Red (22%)
- Yellow (50%)
- Blue (76%)



- Cyan (71%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (78%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2820, 18.5950, -84.4393 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 153.2820, 18.5950, -84.4393 by changing the saturation by 10% instead.

153.2820, 18.5950,
-84.4393

153.2820, 18.5950,
-84.4393

255.0000, 0.0000,
0.0000

116.7250, 23.3066,
-102.3678

213.1580, 16.6841,
-78.1916

98.4990, 19.4740,
-86.3836

225.1000, 14.7407,
-61.4777

80.2730, 15.6414,
-70.3994

234.0700, 10.3185,
-43.0344

62.2750, 12.6824,
-54.6152

243.0400, 5.8963,
-24.5911

45.5650, 9.5815,
-39.9605

252.3090, 1.3267,
-5.5330

30.1430, 6.3385,
-26.4354

10.8400, 5.9949,

-9.5067

■ 0.0000, 0.0000,
0.0000

■ 153.2820, 18.5950,
-84.4393

■ 153.2820, 18.5950,
-84.4393

■ 147.1880, 21.1063,
-96.6349

■ 159.0770, 16.2310,
-72.8585

■ 141.5070, 23.9070,
-108.3156

■ 165.0570, 13.2829,
-60.5630

■ 136.0110, 26.1236,
-119.2816

■ 170.8520, 10.9190,
-48.9822

■ 176.8320, 7.9708,
-36.6867

■ 182.9260, 5.4595,
-24.4911

■ 188.6070, 2.6587,
-12.8103

■ 194.4020, 0.2948,
-1.2296

■ 200.4960, -2.2165,
10.9660

■ 206.1770, -5.0173,
22.6468

Harmonies

Analogous

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



162.4590, -3.1843, -52.1455



153.2820, 18.5950, -84.4393



150.5700, 35.2150, -95.2159

Triad

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



153.2820, 18.5950, -84.4393



180.7720, 22.7904, 16.8630



175.8540, -31.9730, 35.2080

Complementary

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



153.2820, 18.5950, -84.4393



98.7180, -18.5950, 84.4393

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.



177.6680, -23.0073, 52.9112



153.2820, 18.5950, -84.4393



180.7510, 8.0108, 44.0684

Square

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



153.2820, 18.5950, -84.4393



175.8750, 33.0926, -20.9384



179.4740, -8.6147, 56.5893



172.5150, -31.3129, 10.0723

Rectangle

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



153.2820, 18.5950, -84.4393



159.7990, 38.0601, -74.3687



179.4740, -8.6147, 56.5893



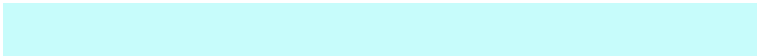
176.7670, -29.9581, 42.3003

Sweetspot

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



153.2820, 18.5950, -84.4393



236.0390, 7.3758, -32.4832



139.5010, -40.6730, -67.9684



118.3180, 4.2802, -19.5729



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.



153.2820, 18.5950, -84.4393



187.3300, 28.9243, -130.9624



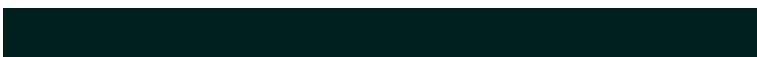
116.1700, 38.8632, -51.8921



94.0100, 1.4741, -6.1478



112.2910, 21.5485, -98.4792



23.0190, 4.4276, -20.1877

Inverse Universe

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



98.7180, -18.5950, 84.4393



102.6700, -28.9243, 130.9624



135.8300, -38.8632, 51.8921



89.9900, -1.4741, 6.1478



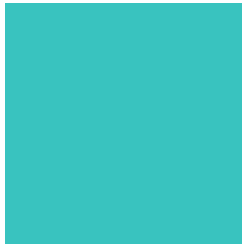
48.7090, -21.5485, 98.4792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 153.2820, 18.5950, -84.4393 looks on a white background.

Color Contrast Check

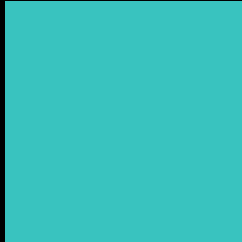
Large Text (above 18pt) WCAG AA × Fail

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 153.2820, 18.5950, -84.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

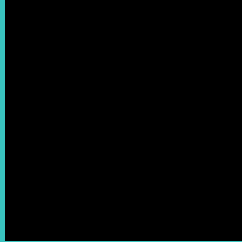
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

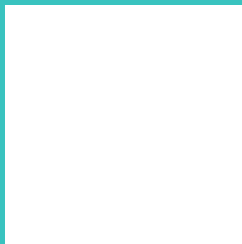
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.2820, 18.5950, -84.4393

Background



This preview shows how black text looks on a background with the YUV color 153.2820, 18.5950, -84.4393.



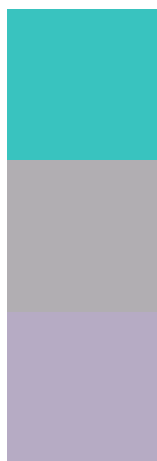
This preview shows how white text looks on a background with the YUV color 153.2820, 18.5950,

-84.4393.

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

153.2820, 18.5950, -84.4393

Protanopia

175.3530, 1.3050, 1.4444

Deuteranopia

177.1390, 9.2985, 4.2631



Tritanopia

156.4490, 25.4146, -78.4468

Trichromacy



Original Color

153.2820, 18.5950, -84.4393

Protanomaly

167.4630, 7.6597, -30.2241

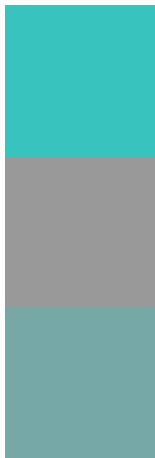
Deuteranomaly

168.7390, 12.4537, -27.8351

Tritanomaly

155.1560, 23.0941, -80.8208

Monochromacy



Original Color

153.2820, 18.5950, -84.4393

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9360, 6.9336, -30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2820, 18.5950, -84.4393 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(57, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(57, 195, 191)  
}
```

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(57, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 195, 191) }
```

Border

The CSS property to change the border of an element to YUV 153.2820, 18.5950, -84.4393 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(57, 195, 191) }
```


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

```
.border{ border-color:rgb(57, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(57, 195,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 153.2820, 18.5950, -84.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 195, 191) }
```

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

```
.background{ background-color: rgb(57, 195,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor