

Converting Colors

YUV(159.9390, 18.7641,
-92.0315)

Have a look what the booklet for
YUV(159.9390, 18.7641, -92.0315)
contains.

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Color

**YUV(159.9390, 18.7641,
-92.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	37CEC6
RGB	55, 206, 198
RGB Percent	22%, 81%, 78%
CMY	0.7843, 0.1922, 0.2235
CMYK	0.73, 0.00, 0.04, 0.19
HSL	177°, 61%, 51%
HSV	177°, 73%, 81%
XYZ	33.8399, 49.0321, 61.1067
YIQ	159.9390, -87.4280, -34.5000

Conversions

Conversions Part 2

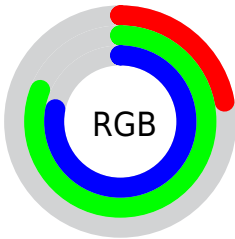
Format	Color
RYB	55, 133, 206
Decimal	3657414
CIELab	75.47, -39.89, -7.26
CIELCh	75, 40.550, 190.316
Yxy	49.0321, 0.2350, 0.3406
Android (android.graphics.Color)	4281847494 (0xFF37CEC6)
YUV	159.9390, 18.7641, -92.0315
Hunter-Lab	70.0229, -36.2765, -2.7244

Details

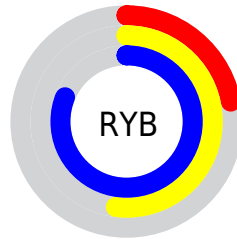
The YUV color **159.9390, 18.7641, -92.0315** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **101.0610, -18.7641, 92.0315**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **105.0530, 19.2009, -92.1315** is the 20% darker color. If you saturate the color by 10%, you get **153.5460, 21.4228, -104.8418**, and if you desaturate by 10%, it is **166.3320, 16.1053, -79.2212**.

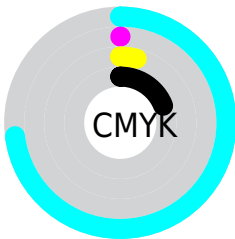
Distribution



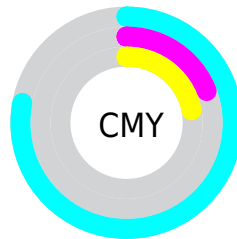
- Red (22%)
- Green (81%)
- Blue (78%)



- Red (22%)
- Yellow (52%)
- Blue (81%)



- Cyan (73%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (78%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9390, 18.7641, -92.0315 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 159.9390, 18.7641, -92.0315 by changing the saturation by 10% instead.

■ 159.9390, 18.7641,
-92.0315

■ 159.9390, 18.7641,
-92.0315

■ 255.0000, 0.0000,
0.0000

■ 123.9800, 23.1809,
-108.7305

■ 216.1300, 19.1629,
-79.9210

■ 105.0530, 19.2009,
-92.1315

■ 225.3990, 14.5933,
-60.8629

■ 86.9410, 15.8051,
-76.2473

■ 234.6680, 10.0237,
-41.8048

■ 68.8290, 12.4093,
-60.3630

■ 243.6380, 5.6015,
-23.3615

■ 51.4180, 9.1609,
-45.0936

■ 252.9070, 1.0318,
-4.3034

■ 34.8220, 6.4968,
-30.5389

■ 19.5140, 3.6906,

-17.1138

■ 0.0000, 0.0000,
0.0000

■ 159.9390, 18.7641,
-92.0315

■ 159.9390, 18.7641,
-92.0315

■ 153.5460, 21.4228,
-104.8418

■ 166.3320, 16.1053,
-79.2212

■ 147.4520, 23.9342,
-117.0374

■ 172.4260, 13.5940,
-67.0256

■ 143.1520, 25.5611,
-125.5443

■ 178.8190, 10.9352,
-54.2153

■ 184.9130, 8.4239,
-42.0197

■ 191.3060, 5.7651,
-29.2094

■ 197.8130, 3.5432,
-16.4990

■ 203.9070, 1.0318,
-4.3034

■ 210.3000, -1.6269,
8.5069

■ 216.3940, -4.1382,
20.7025

Harmonies

Analogous

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



170.8780, -5.3629, -53.3900



159.9390, 18.7641, -92.0315



151.6920, 40.0848, -117.2479

Triad

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



159.9390, 18.7641, -92.0315



189.9720, 26.1428, 14.9336



185.3170, -34.1733, 40.9410

Complementary

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



159.9390, 18.7641, -92.0315



101.0610, -18.7641, 92.0315

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.



187.1740, -23.7498, 57.7294



159.9390, 18.7641, -92.0315



190.7450, 10.4787, 45.8276

Square

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



159.9390, 18.7641, -92.0315



183.4120, 35.2929, -26.6713



188.2400, -7.0203, 58.5485



182.2120, -35.1075, 13.8461

Rectangle

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



159.9390, 18.7641, -92.0315



164.1500, 42.3241, -88.7085



188.2400, -7.0203, 58.5485



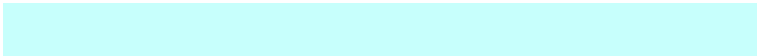
186.0450, -31.5742, 47.3185

Sweetspot

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



159.9390, 18.7641, -92.0315



237.9140, 6.9444, -34.1276



146.6270, -45.1721, -71.5869



117.6060, 4.1382, -20.7025



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.



159.9390, 18.7641, -92.0315



186.6560, 27.7776, -136.5103



122.6960, 41.0689, -59.3694



98.8960, 1.0373, -6.0478



115.3400, 20.5384, -101.1532



26.4100, 4.7279, -23.1616

Inverse Universe

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



101.0610, -18.7641, 92.0315



99.2300, -28.2144, 136.6103



138.3040, -41.0689, 59.3694



94.9900, -1.4741, 6.1478



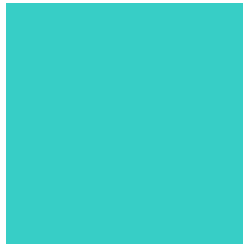
50.6600, -20.5384, 101.1532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 159.9390, 18.7641, -92.0315 looks on a white background.

Color Contrast Check

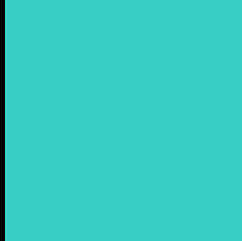
Large Text (above 18pt) WCAG AA × Fail

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 159.9390, 18.7641, -92.0315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

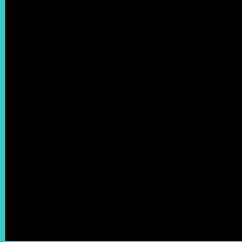
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

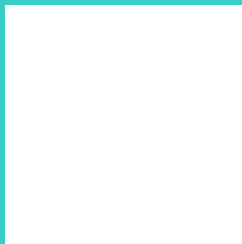
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.9390, 18.7641, -92.0315

Background



This preview shows how black text looks on a background with the YUV color 159.9390, 18.7641, -92.0315.



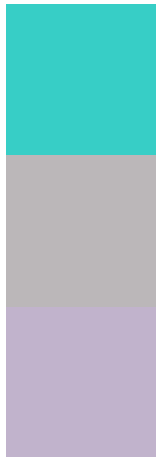
This preview shows how white text looks on a background with the YUV color 159.9390, 18.7641, -92.0315.

-92.0315.

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

159.9390, 18.7641, -92.0315

Protanopia

184.4240, 0.2840, 2.2592

Deuteranopia

186.0360, 8.8563, 6.1074



Tritanopia

164.4590, 26.8887, -84.5945

Trichromacy



Original Color

159.9390, 18.7641, -92.0315

Protanomaly

175.3380, 7.2284, -31.8684

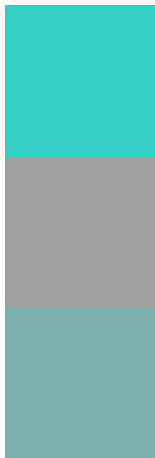
Deuteranomaly

176.7280, 12.4591, -29.5795

Tritanomaly

162.6390, 23.8420, -87.3834

Monochromacy



Original Color

159.9390, 18.7641, -92.0315

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2130, 6.7970, -33.5128

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9390, 18.7641, -92.0315 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, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(55, 206, 198)  
}
```

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, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 206, 198) }
```

Border

The CSS property to change the border of an element to YUV 159.9390, 18.7641, -92.0315 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, 206, 198) }
```


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

```
.border{ border-color:rgb(55, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(55, 206,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 159.9390, 18.7641, -92.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 206, 198) }
```

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

```
.background{ background-color: rgb(55, 206,  
198) }
```

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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