

Converting Colors

YUV(151.3390, 2.2979,
-37.1313)

Have a look what the booklet for
YUV(151.3390, 2.2979, -37.1313)
contains.

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Color

**YUV(151.3390, 2.2979,
-37.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAC9C
RGB	109, 172, 156
RGB Percent	43%, 67%, 61%
CMY	0.5725, 0.3255, 0.3882
CMYK	0.37, 0.00, 0.09, 0.33
HSL	165°, 28%, 55%
HSV	165°, 37%, 67%
XYZ	27.0599, 35.1566, 36.8122
YIQ	151.3390, -32.4120, -18.3320

Conversions

Conversions Part 2

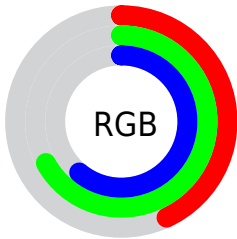
Format	Color
RYB	109, 145, 172
Decimal	7187612
CIELab	65.87, -23.96, 1.83
CIElCh	66, 24.032, 175.640
Yxy	35.1566, 0.2733, 0.3550
Android (android.graphics.Color)	4285377692 (0xFF6DAC9C)
YUV	151.3390, 2.2979, -37.1313
Hunter-Lab	59.2930, -22.2994, 4.6947

Details

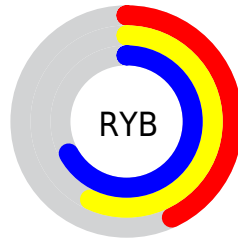
The YUV color **151.3390, 2.2979, -37.1313** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **129.6610, -2.2979, 37.1313**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5130, 1.7191, -38.1609**, and **98.8660, 3.0241, -36.7165** is the 20% darker color. If you saturate the color by 10%, you get **145.8000, 3.0566, -47.1826**, and if you desaturate by 10%, it is **156.8780, 1.5391, -27.0800**.

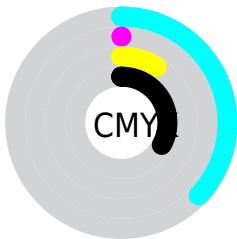
Distribution



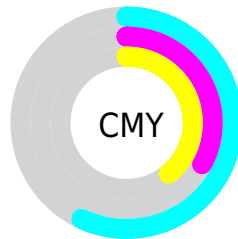
- Red (43%)
- Green (67%)
- Blue (61%)



- Red (43%)
- Yellow (57%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (57%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3390, 2.2979, -37.1313 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 151.3390, 2.2979, -37.1313 by changing the saturation by 10% instead.

■ 151.3390, 2.2979,
-37.1313

■ 151.3390, 2.2979,
-37.1313

255.0000, 0.0000,
0.0000

■ 124.7520, 2.5873,
-36.6165

■ 206.5130, 1.7191,
-38.1609

■ 98.8660, 3.0241,
-36.7165

■ 234.0400, 2.4453,
-37.7461

■ 73.3820, 3.7557,
-38.0460

■ 244.2360, 5.3067,
-22.1320

■ 47.7020, 5.0769,
-41.8347

■ 252.9070, 1.0318,
-4.3034

■ 32.2800, 1.8340,
-28.3096

■ 18.7330, -1.8404,
-16.4288

■ 0.0000, 0.0000,

0.0000

■ 151.3390, 2.2979,
-37.1313

■ 151.3390, 2.2979,
-37.1313

■ 145.8000, 3.0566,
-47.1826

■ 156.8780, 1.5391,
-27.0800

■ 140.1470, 3.3785,
-57.1339

■ 162.5310, 1.2172,
-17.1287

■ 134.3090, 4.2847,
-67.8000

■ 168.3690, 0.3111,
-6.4626

■ 128.7700, 5.0434,
-77.8513

■ 173.9080, -0.4476,
3.5887

■ 123.1170, 5.3653,
-87.8026

■ 179.5610, -0.7696,
13.5400

■ 117.5780, 6.1240,
-97.8539

■ 185.1000, -1.5283,
23.5913

■ 115.5560, 6.1349,
-101.3426

■ 190.7530, -1.8502,
33.5426

■ 196.5910, -2.7564,
44.2087

■ 199.4390, -2.1884,
48.7270

Harmonies

Analogous

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



154.0610, -9.3971, -19.3475



151.3390, 2.2979, -37.1313



150.2590, 13.6763, -46.7081

Triad

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



151.3390, 2.2979, -37.1313



161.7990, 18.3401, -2.4547



160.9040, -17.7007, 30.7792

Complementary

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



151.3390, 2.2979, -37.1313



129.6610, -2.2979, 37.1313

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.



162.2990, -10.0074, 36.5718



151.3390, 2.2979, -37.1313



163.8680, 10.4181, 18.5328

Square

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



151.3390, 2.2979, -37.1313



157.3940, 22.4838, -24.9015



163.6110, 0.1918, 31.9132



159.6050, -21.0043, 17.0094

Rectangle

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



151.3390, 2.2979, -37.1313



151.0510, 19.2019, -45.6487



163.6110, 0.1918, 31.9132



161.4960, -15.5275, 33.7680

Sweetspot

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



151.3390, 2.2979, -37.1313



216.1400, 0.9170, -14.1548



151.0640, -20.7376, -21.9811



107.3580, 0.3165, -8.2070



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



151.3390, 2.2979, -37.1313



191.8480, 3.5259, -57.7487



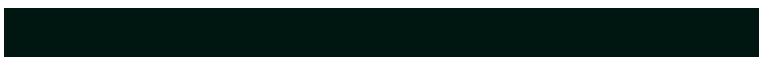
144.3580, 13.6275, -31.0090



83.9670, 0.0163, -5.2331



100.8180, 5.5127, -88.4174



15.4390, 0.7696, -13.5400

Inverse Universe

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



129.6610, -2.2979, 37.1313



158.1520, -3.5259, 57.7487



136.6420, -13.6275, 31.0090



80.9190, -0.4531, 5.3330



49.1820, -5.5127, 88.4174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 151.3390, 2.2979, -37.1313 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 151.3390, 2.2979, -37.1313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

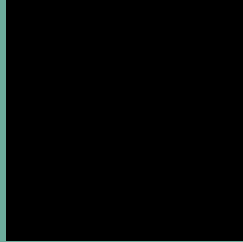
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.3390, 2.2979, -37.1313

Background



This preview shows how black text looks on a background with the YUV color 151.3390, 2.2979, -37.1313.



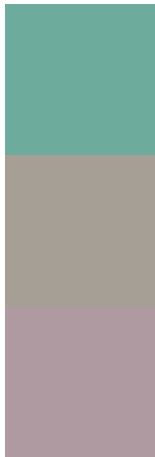
This preview shows how white text looks on a background with the YUV color 151.3390, 2.2979, -37.1313.

-37.1313.

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

151.3390, 2.2979, -37.1313

Protanopia

159.6540, -5.2524, 4.6884

Deuteranopia

160.6640, -0.3274, 11.6957



Tritanopia

153.7490, 13.9277, -33.9829

Trichromacy



Original Color

151.3390, 2.2979, -37.1313

Protanomaly

156.9510, -2.4408, -10.4810

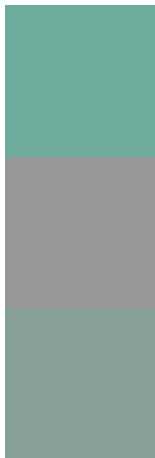
Deuteranomaly

157.4830, 0.7479, -6.5626

Tritanomaly

152.7120, 10.0020, -34.8274

Monochromacy



Original Color

151.3390, 2.2979, -37.1313

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.4390, 0.7696, -13.5400

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3390, 2.2979, -37.1313 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(109, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(109, 172, 156)  
}
```

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(109, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 172, 156) }
```

Border

The CSS property to change the border of an element to YUV 151.3390, 2.2979, -37.1313 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(109, 172, 156) }
```


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

```
.border{ border-color:rgb(109, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 172, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 172, 156); box-shadow:4px 4px 4px 4px rgb(109, 172, 156) }
```

Background

The CSS property to change the background color of an element to YUV 151.3390, 2.2979, -37.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 172, 156) }
```

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

```
.background{ background-color: rgb(109,  
172, 156) }
```

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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