

Converting Colors

YUV(152.3230, 36.3228,
-123.9403)

Have a look what the booklet for
YUV(152.3230, 36.3228, -123.9403)
contains.

YUV(152.3230, 36.3228, -123.9403)	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(152.3230, 36.3228,
-123.9403)**

Conversions

Conversions Part 1

Format	Color
Hex	0BD2E2
RGB	11, 210, 226
RGB Percent	4%, 82%, 89%
CMY	0.9569, 0.1765, 0.1137
CMYK	0.95, 0.07, 0.00, 0.11
HSL	184°, 91%, 46%
HSV	184°, 95%, 89%
XYZ	36.9121, 51.6553, 79.9765
YIQ	152.3230, -123.7400, -37.2120

Conversions

Conversions Part 2

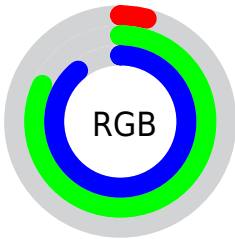
Format	Color
RYB	11, 114, 226
Decimal	774882
CIELab	77.07, -36.39, -19.98
CIELCh	77, 41.513, 208.770
Yxy	51.6553, 0.2190, 0.3065
Android (android.graphics.Color)	4278964962 (0xFF0BD2E2)
YUV	152.3230, 36.3228, -123.9403
Hunter-Lab	71.8716, -34.1007, -15.6659

Details

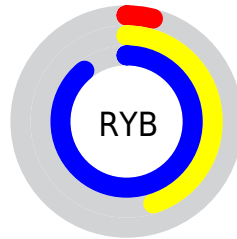
The YUV color **152.3230, 36.3228, -123.9403** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **84.6770, -36.3228, 123.9403**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **110.4790, 29.8369, -96.8901** is the 20% darker color. If you saturate the color by 10%, you get **148.4470, 38.2336, -130.1880**, and if you desaturate by 10%, it is **160.3740, 32.3536, -110.8300**.

Distribution



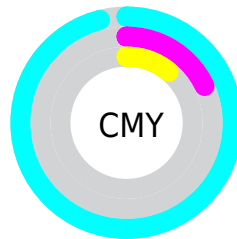
- Red (4%)
- Green (82%)
- Blue (89%)



- Red (4%)
- Yellow (45%)
- Blue (89%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3230, 36.3228, -123.9403 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 152.3230, 36.3228, -123.9403 by changing the saturation by 10% instead.

152.3230, 36.3228,
-123.9403

152.3230, 36.3228,
-123.9403

255.0000, 0.0000,
0.0000

129.4060, 33.8168,
-113.4891

212.2430, 21.0792,
-87.9131

110.4790, 29.8369,
-96.8901

222.4090, 16.0674,
-67.0107

91.5520, 25.8569,
-80.2911

231.9770, 11.3503,
-47.3378

74.0270, 22.1717,
-64.9217

241.5450, 6.6333,
-27.6650

56.5020, 18.4865,
-49.5523

251.1130, 1.9163,
-7.9921

39.6780, 14.9487,
-34.7976

25.4300, 11.1270,

-22.3021

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 152.3230, 36.3228,
-123.9403

■ 152.3230, 36.3228,
-123.9403

■ 148.4470, 38.2336,
-130.1880

■ 160.3740, 32.3536,
-110.8300

■ 167.5390, 28.8213,
-97.8197

■ 175.5900, 24.8521,
-84.7094

■ 183.3420, 21.0304,
-72.2139

■ 190.8060, 17.3506,
-58.5889

■ 198.8570, 13.3815,
-45.4786

■ 206.6090, 9.5598,
-32.9831

■ 214.0730, 5.8800,
-19.3580

■ 221.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



168.4970, 9.1220, -79.3659



152.3230, 36.3228, -123.9403



167.0460, 43.3613, -94.7563

Triad

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



152.3230, 36.3228, -123.9403



195.8130, 17.3472, 36.1210



187.5340, -36.7453, 25.8417

Complementary

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



152.3230, 36.3228, -123.9403



84.6770, -36.3228, 123.9403

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.



190.6540, -31.8744, 50.2924



152.3230, 36.3228, -123.9403



192.1670, 0.4107, 55.1045

Square

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



152.3230, 36.3228, -123.9403



192.7250, 30.7016, -0.6358



189.5960, -17.0558, 57.3593



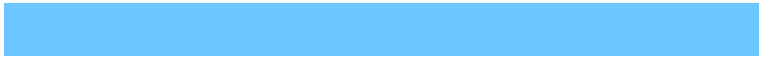
183.6440, -30.3905, -5.8268

Rectangle

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



152.3230, 36.3228, -123.9403



177.5880, 38.1641, -61.0287



189.5960, -17.0558, 57.3593



188.7030, -36.3356, 34.4635

Sweetspot

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



152.3230, 36.3228, -123.9403



229.3520, 12.6445, -42.4047



138.8010, -56.1039, -112.0815



112.1970, 7.7909, -25.6058



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.



152.3230, 36.3228, -123.9403



167.6020, 43.0872, -146.9870



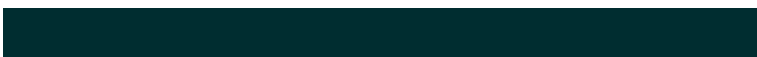
90.1010, 66.9982, -69.3716



108.1240, 1.9109, -6.2477



115.7450, 29.7057, -101.5084



31.8870, 7.9437, -27.9649

Inverse Universe

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



97.9710, 55.2303, 112.2814



103.1490, 65.4955, 133.1733



146.8990, -66.9982, 69.3716



105.4290, 2.7465, 5.7628



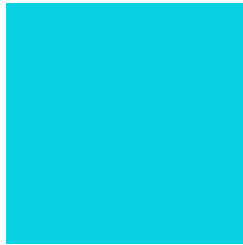
71.2060, 45.2544, 91.9043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 152.3230, 36.3228, -123.9403 looks on a white background.

Color Contrast Check

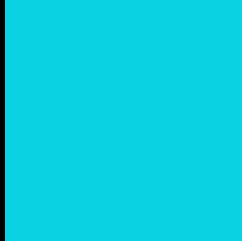
Large Text (above 18pt) WCAG AA × Fail

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 152.3230, 36.3228, -123.9403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

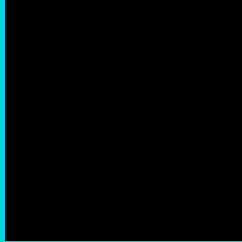
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

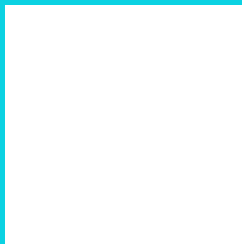
Any Text WCAG AAA ✓ Pass

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

YUV 152.3230, 36.3228, -123.9403 Background



This preview shows how black text looks on a background with the YUV color 152.3230, 36.3228, -123.9403.

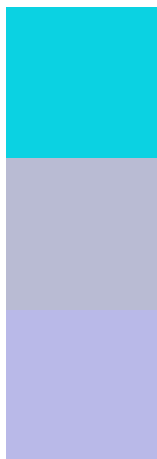


This preview shows how white text looks on a background with the YUV color 152.3230, 36.3228, -123.9403.

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

152.3230, 36.3228, -123.9403

Protanopia

189.1380, 10.7780, -3.6290

Deuteranopia

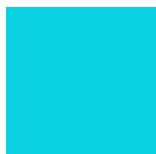
190.3580, 20.5295, -4.6990



Tritanopia

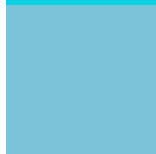
153.6330, 36.1699, -121.5811

Trichromacy



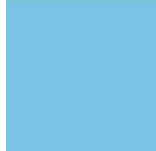
Original Color

152.3230, 36.3228, -123.9403



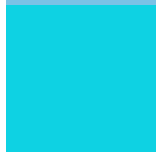
Protanomaly

175.5670, 19.9335, -46.9783



Deuteranomaly

176.5760, 26.3380, -47.8632



Tritanomaly

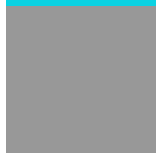
153.3340, 36.3173, -122.1959

Monochromacy



Original Color

152.3230, 36.3228, -123.9403



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.1560, 13.2341, -44.8638

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3230, 36.3228, -123.9403 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(11, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(11, 210, 226)  
}
```

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(11, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 210, 226) }
```

Border

The CSS property to change the border of an element to YUV 152.3230, 36.3228, -123.9403 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(11, 210, 226) }
```


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

```
.border{ border-color:rgb(11, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(11, 210,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 152.3230, 36.3228, -123.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 210, 226) }
```

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

```
.background{ background-color: rgb(11, 210,  
226) }
```

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