

Converting Colors

YUV(152.9670, 46.3583,
-122.7511)

Have a look what the booklet for
YUV(152.9670, 46.3583, -122.7511)
contains.

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Color

**YUV(152.9670, 46.3583,
-122.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	0DCEF7
RGB	13, 206, 247
RGB Percent	5%, 81%, 97%
CMY	0.9490, 0.1922, 0.0314
CMYK	0.95, 0.17, 0.00, 0.03
HSL	191°, 94%, 51%
HSV	191°, 95%, 97%
XYZ	39.0258, 50.9436, 95.7719
YIQ	152.9670, -128.1890, -28.1650

Conversions

Conversions Part 2

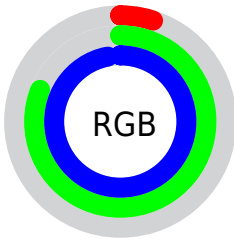
Format	Color
R _Y B	13, 119, 247
Decimal	904951
CIE Lab	76.64, -27.70, -31.89
CIE LCh	77, 42.246, 229.022
Yxy	50.9436, 0.2101, 0.2743
Android (android.graphics.Color)	4279095031 (0xFF0DCEF7)
YUV	152.9670, 46.3583, -122.7511
Hunter-Lab	71.3748, -27.3069, -29.5940

Details

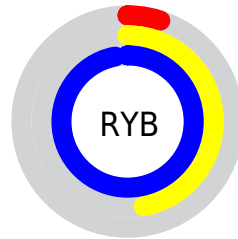
The YUV color **152.9670, 46.3583, -122.7511** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **107.0330, -46.3583, 122.7511**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **110.4110, 39.7304, -96.8304** is the 20% darker color. If you saturate the color by 10%, you get **147.9060, 48.8533, -129.7136**, and if you desaturate by 10%, it is **162.7900, 41.5155, -109.4408**.

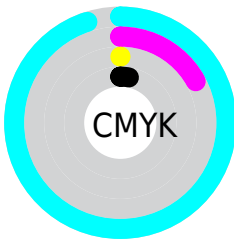
Distribution



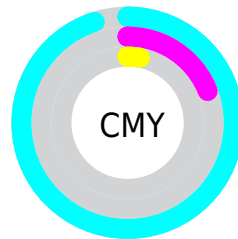
- Red (5%)
- Green (81%)
- Blue (97%)



- Red (5%)
- Yellow (47%)
- Blue (97%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (95%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.9670, 46.3583, -122.7511 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 152.9670, 46.3583, -122.7511 by changing the saturation by 10% instead.

152.9670, 46.3583,
-122.7511

152.9670, 46.3583,
-122.7511

255.0000, 0.0000,
0.0000

129.3380, 43.7104,
-113.4294

213.1400, 20.6370,
-86.0688

110.4110, 39.7304,
-96.8304

223.3060, 15.6251,
-65.1664

91.9570, 35.0242,
-80.6463

233.1730, 10.7607,
-44.8787

74.3180, 30.9022,
-65.1769

242.7410, 6.0437,
-25.2059

57.2660, 26.4909,
-50.2223

252.3090, 1.3267,
-5.5330

41.0290, 22.6637,
-35.9824

26.5530, 17.9684,

-23.2870

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 152.9670, 46.3583,
-122.7511

■ 152.9670, 46.3583,
-122.7511

■ 147.9060, 48.8533,
-129.7136

■ 162.7900, 41.5155,
-109.4408

■ 172.9010, 36.5308,
-97.2602

■ 182.7240, 31.6881,
-83.9499

■ 192.5470, 26.8453,
-70.6397

■ 202.9570, 21.7132,
-57.8443

■ 212.4810, 17.0179,
-45.1488

■ 222.3040, 12.1751,
-31.8386

■ 232.7140, 7.0430,
-19.0432

■ 242.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



153.2330, 29.4651, -117.7223



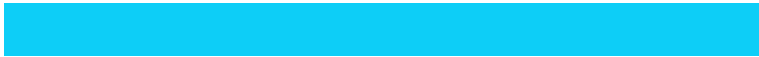
152.9670, 46.3583, -122.7511



176.1040, 38.8957, -62.3582

Triad

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



152.9670, 46.3583, -122.7511



193.5350, 5.6522, 53.9048



184.2710, -34.6436, 5.0243

Complementary

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



152.9670, 46.3583, -122.7511



107.0330, -46.3583, 122.7511

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.



187.4750, -37.2092, 34.6634



152.9670, 46.3583, -122.7511



188.5020, -11.0935, 58.3187

Square

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



152.9670, 46.3583, -122.7511



194.2400, 23.0527, 26.0995



189.6100, -28.4017, 56.4700



178.7210, -20.5685, -29.5733

Rectangle

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



152.9670, 46.3583, -122.7511



185.1620, 34.4301, -29.9601



189.6100, -28.4017, 56.4700



185.4680, -36.7127, 15.3756

Sweetspot

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



152.9670, 46.3583, -122.7511



226.1400, 14.2280, -36.9568



154.8040, -50.6824, -124.3621



110.1480, 8.8010, -22.9318



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.



152.9670, 46.3583, -122.7511



152.3400, 50.6114, -133.6022



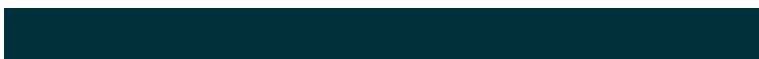
85.4620, 79.6382, -63.5492



117.2380, 2.3477, -6.3477



111.6020, 36.6782, -97.8750



34.9020, 11.8803, -30.6091

Inverse Universe

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



104.9680, 49.8088, 124.5621



100.1850, 54.1388, 135.7728



174.5380, -79.6382, 63.5492



114.7280, 2.5991, 6.3775



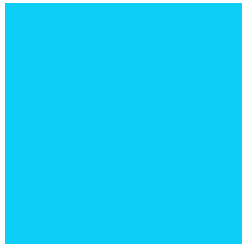
73.1700, 39.8492, 98.9519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 152.9670, 46.3583, -122.7511 looks on a white background.

Color Contrast Check

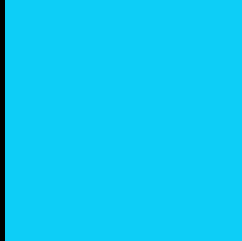
Large Text (above 18pt) WCAG AA × Fail

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 152.9670, 46.3583, -122.7511 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 152.9670, 46.3583, -122.7511 Background



This preview shows how black text looks on a background with the YUV color 152.9670, 46.3583, -122.7511.

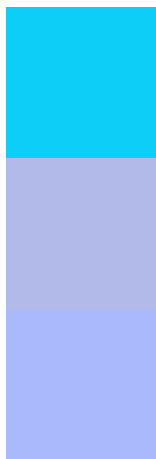


This preview shows how white text looks on a background with the YUV color 152.9670, 46.3583, -122.7511.

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

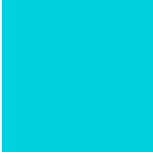
152.9670, 46.3583, -122.7511

Protanopia

188.5530, 21.4194, -10.1320

Deuteranopia

188.1530, 31.4766, -15.9202



Tritanopia

148.3330, 37.7968, -130.0880

Trichromacy



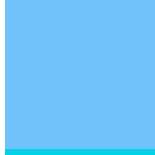
Original Color

152.9670, 46.3583, -122.7511



Protanomaly

175.2920, 30.4220, -51.1221



Deuteranomaly

175.5780, 36.6900, -54.8809



Tritanomaly

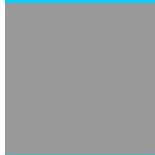
150.1530, 40.8436, -127.2992

Monochromacy



Original Color

152.9670, 46.3583, -122.7511



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.7800, 16.8705, -44.5341

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9670, 46.3583, -122.7511 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(13, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(13, 206, 247)  
}
```

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(13, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 206, 247) }
```

Border

The CSS property to change the border of an element to YUV 152.9670, 46.3583, -122.7511 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(13, 206, 247) }
```


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

```
.border{ border-color:rgb(13, 206, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 206, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(13, 206,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 152.9670, 46.3583, -122.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 206, 247) }
```

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

```
.background{ background-color: rgb(13, 206,  
247) }
```

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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