

Converting Colors

YUV(142.5510, 40.6474,
-110.9852)

Have a look what the booklet for
YUV(142.5510, 40.6474, -110.9852)
contains.

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Color

**YUV(142.5510, 40.6474,
-110.9852)**

Conversions

Conversions Part 1

Format	Color
Hex	10BFE1
RGB	16, 191, 225
RGB Percent	6%, 75%, 88%
CMY	0.9373, 0.2510, 0.1176
CMYK	0.93, 0.15, 0.00, 0.12
HSL	190°, 87%, 47%
HSV	190°, 93%, 88%
XYZ	32.4351, 42.8080, 77.7874
YIQ	142.5510, -115.2140, -26.5260

Conversions

Conversions Part 2

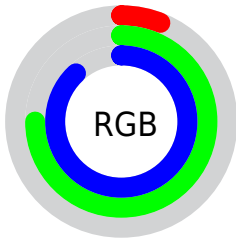
Format	Color
R _Y B	16, 111, 225
Decimal	1097697
CIE Lab	71.42, -27.42, -28.06
CIE LCh	71, 39.236, 225.655
Yxy	42.8080, 0.2120, 0.2797
Android (android.graphics.Color)	4279287777 (0xFF10BFE1)
YUV	142.5510, 40.6474, -110.9852
Hunter-Lab	65.4278, -26.0094, -24.6907

Details

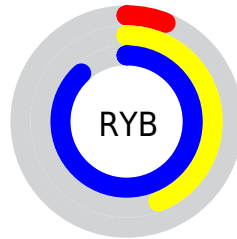
The YUV color **142.5510, 40.6474, -110.9852** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **98.4490, -40.6474, 110.9852**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8350, 23.2523, -84.9243**, and **99.7990, 34.6091, -87.5237** is the 20% darker color. If you saturate the color by 10%, you get **136.0060, 43.8740, -119.2773**, and if you desaturate by 10%, it is **151.7760, 36.0994, -98.9046**.

Distribution



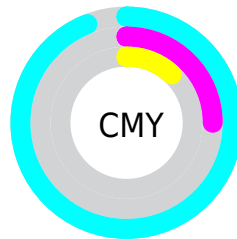
- Red (6%)
- Green (75%)
- Blue (88%)



- Red (6%)
- Yellow (44%)
- Blue (88%)



- Cyan (93%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (94%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5510, 40.6474, -110.9852 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 142.5510, 40.6474, -110.9852 by changing the saturation by 10% instead.

■ 142.5510, 40.6474,
-110.9852

■ 142.5510, 40.6474,
-110.9852

■ 255.0000, 0.0000,
0.0000

■ 118.7260, 38.5891,
-104.1227

■ 207.8350, 23.2523,
-84.9243

■ 99.7990, 34.6091,
-87.5237

■ 221.8110, 16.3622,
-68.2402

■ 82.0460, 30.0503,
-71.9543

■ 231.3790, 11.6452,
-48.5674

■ 64.4070, 25.9283,
-56.4849

■ 240.6480, 7.0755,
-29.5093

■ 47.5830, 22.3906,
-41.7303

■ 249.9170, 2.5059,
-10.4512

■ 31.9330, 18.2740,
-28.0052

■ 12.9890, 16.7674,

-11.3914

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 142.5510, 40.6474,
-110.9852

■ 142.5510, 40.6474,
-110.9852

■ 136.0060, 43.8740,
-119.2773

■ 151.7760, 36.0994,
-98.9046

■ 160.1150, 31.9883,
-86.9239

■ 169.3400, 27.4404,
-74.8432

■ 178.2660, 23.0399,
-63.3773

■ 186.9040, 18.7813,
-50.7818

■ 195.8300, 14.3808,
-39.3159

■ 204.7560, 9.9803,
-27.8500

■ 213.3940, 5.7218,
-15.2545

■ 222.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



146.6440, 22.8535, -97.0348



142.5510, 40.6474, -110.9852



163.0330, 39.9167, -63.1729

Triad

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



142.5510, 40.6474, -110.9852



179.5450, 7.1263, 47.7570



170.8630, -32.4705, 8.0131

Complementary

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



142.5510, 40.6474, -110.9852



98.4490, -40.6474, 110.9852

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.



173.8000, -33.4254, 34.3784



142.5510, 40.6474, -110.9852



177.4420, -10.0779, 59.2484

Square

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



142.5510, 40.6474, -110.9852



179.3810, 22.4902, 19.8369



176.0980, -25.1913, 53.4111



166.0530, -20.7321, -23.7255

Rectangle

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



142.5510, 40.6474, -110.9852



171.4220, 36.7670, -32.8191



176.0980, -25.1913, 53.4111



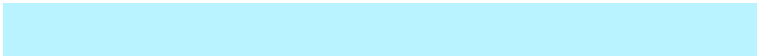
171.8750, -33.9554, 17.6496

Sweetspot

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



142.5510, 40.6474, -110.9852



226.7270, 13.9386, -37.4716



142.2170, -46.9420, -110.6923



110.1480, 8.8010, -22.9318



0.0000, 0.0000, 0.0000



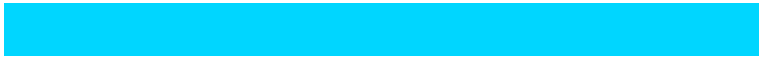
128.0000, 0.0000, 0.0000

Same Dimension

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



142.5510, 40.6474, -110.9852



154.6880, 49.4538, -135.6614



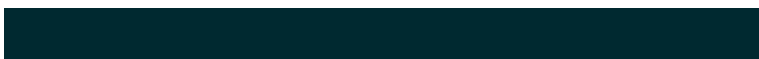
82.6770, 70.1652, -58.4757



107.5370, 2.2003, -5.7329



106.3530, 34.3360, -93.2716



29.5390, 9.1013, -25.9057

Inverse Universe

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



98.4410, 45.6316, 110.9922



100.6410, 55.8860, 135.3728



158.3230, -70.1652, 58.4757



105.3150, 2.3097, 5.8627



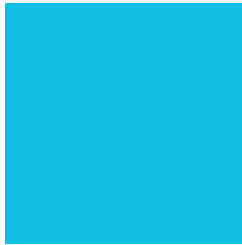
69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 142.5510, 40.6474, -110.9852 looks on a white background.

Color Contrast Check

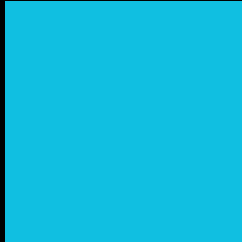
Large Text (above 18pt) WCAG AA × Fail

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 142.5510, 40.6474, -110.9852 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 142.5510, 40.6474, -110.9852 Background



This preview shows how black text looks on a background with the YUV color 142.5510, 40.6474, -110.9852.

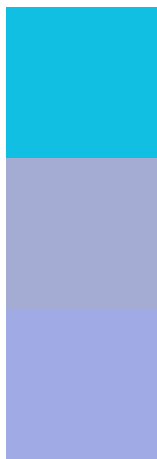


This preview shows how white text looks on a background with the YUV color 142.5510, 40.6474, -110.9852.

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

142.5510, 40.6474, -110.9852

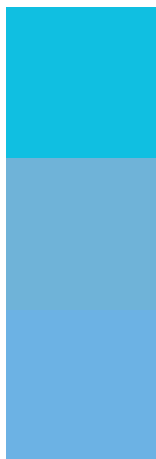
Protanopia

174.3530, 18.0670, -8.2026

Deuteranopia

174.4370, 27.3926, -12.6612

Trichromacy



Original Color

142.5510, 40.6474, -110.9852

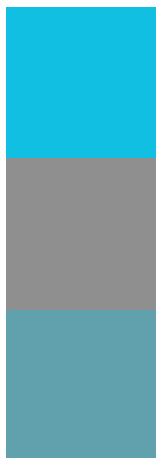
Protanomaly

162.8860, 26.1852, -45.5040

Deuteranomaly

162.7700, 32.1584, -48.0333

Monochromacy



Original Color

142.5510, 40.6474, -110.9852

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.6450, 14.9650, -40.0307

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5510, 40.6474, -110.9852 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(16, 191, 225)` looks like.

```
.text, #text, p{  
    color:rgb(16, 191, 225)  
}
```

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(16, 191, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 191, 225) }
```

Border

The CSS property to change the border of an element to YUV 142.5510, 40.6474, -110.9852 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(16, 191, 225) }
```

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

```
.border{ border-color:rgb(16, 191, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 191, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 191, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 191, 225);  
box-shadow:4px 4px 4px 4px rgb(16, 191,  
225) }
```


Background

The CSS property to change the background color of an element to YUV 142.5510, 40.6474, -110.9852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 191, 225) }
```

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

```
.background{ background-color: rgb(16, 191,  
225) }
```

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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