

Converting Colors

YUV(148.3400, 40.7514,
-97.6452)

Have a look what the booklet for
YUV(148.3400, 40.7514, -97.6452)
contains.

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Color

**YUV(148.3400, 40.7514,
-97.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	25BDE7
RGB	37, 189, 231
RGB Percent	15%, 74%, 91%
CMY	0.8549, 0.2588, 0.0941
CMYK	0.84, 0.18, 0.00, 0.09
HSL	193°, 80%, 53%
HSV	193°, 84%, 91%
XYZ	33.3843, 42.5580, 82.0563
YIQ	148.3400, -104.0740, -19.1620

Conversions

Conversions Part 2

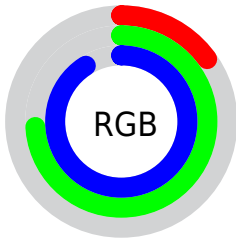
Format	Color
RYB	37, 122, 231
Decimal	2473447
CIELab	71.25, -23.31, -31.57
CIElCh	71, 39.242, 233.551
Yxy	42.5580, 0.2113, 0.2694
Android (android.graphics.Color)	4280663527 (0xFF25BDE7)
YUV	148.3400, 40.7514, -97.6452
Hunter-Lab	65.2365, -22.8177, -28.9110

Details

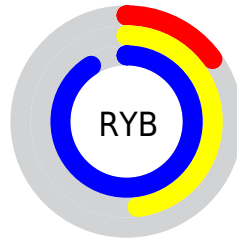
The YUV color **148.3400, 40.7514, -97.6452** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **119.6600, -40.7514, 97.6452**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1670, 23.0887, -79.0765**, and **99.1950, 37.3719, -86.9940** is the 20% darker color. If you saturate the color by 10%, you get **138.5280, 45.5887, -109.2111**, and if you desaturate by 10%, it is **158.1520, 35.9141, -86.0793**.

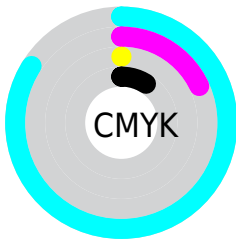
Distribution



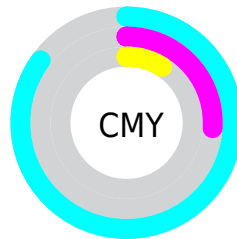
- Red (15%)
- Green (74%)
- Blue (91%)



- Red (15%)
- Yellow (48%)
- Blue (91%)



- Cyan (84%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3400, 40.7514, -97.6452 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 148.3400, 40.7514, -97.6452 by changing the saturation by 10% instead.

■ 148.3400, 40.7514,
-97.6452

■ 148.3400, 40.7514,
-97.6452

255.0000, 0.0000,
0.0000

■ 118.2360, 41.7887,
-103.6930

■ 208.1670, 23.0887,
-79.0765

■ 99.1950, 37.3719,
-86.9940

■ 223.6050, 15.4777,
-64.5516

■ 81.4420, 32.8131,
-71.4246

■ 233.1730, 10.7607,
-44.8787

■ 63.9170, 29.1279,
-56.0552

■ 242.4420, 6.1911,
-25.8206

■ 47.4520, 24.4272,
-41.6154

■ 251.7110, 1.6215,
-6.7625

■ 31.8020, 20.3106,
-27.8904

■ 13.4450, 18.5146,

-11.7913

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 148.3400, 40.7514,
-97.6452

■ 148.3400, 40.7514,
-97.6452

■ 138.5280, 45.5887,
-109.2111

■ 158.1520, 35.9141,
-86.0793

■ 132.5810, 48.5206,
-116.2735

■ 167.9640, 31.0767,
-74.5134

■ 177.7760, 26.2394,
-62.9476

■ 187.5880, 21.4021,
-51.3817

■ 197.6990, 16.4174,
-39.2010

■ 207.5110, 11.5801,
-27.6351

■ 217.3230, 6.7428,
-16.0693

■ 227.1350, 1.9054,
-4.5034

■ 236.9470, -2.9319,
7.0625

Harmonies

Analogous

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



140.5050, 30.3170, -110.9449



148.3400, 40.7514, -97.6452



165.8820, 39.0052, -50.7625

Triad

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



148.3400, 40.7514, -97.6452



178.4270, 2.7475, 52.2455



169.0900, -30.1174, -0.0789

Complementary

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



148.3400, 40.7514, -97.6452



119.6600, -40.7514, 97.6452

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.



172.8270, -34.4247, 28.2157



148.3400, 40.7514, -97.6452



176.7040, -14.1511, 59.0186

Square

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



148.3400, 40.7514, -97.6452



179.1110, 18.6793, 28.8437



174.6800, -27.9432, 49.3926



164.1490, -16.3425, -31.7027

Rectangle

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



148.3400, 40.7514, -97.6452



173.3310, 34.8398, -21.3383



174.6800, -27.9432, 49.3926



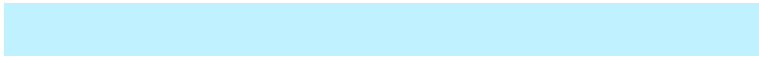
170.7600, -32.9127, 9.8575

Sweetspot

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



148.3400, 40.7514, -97.6452



227.6460, 13.4855, -32.1385



155.3240, -39.1067, -103.7701



111.0560, 8.3534, -19.3431



0.0000, 0.0000, 0.0000



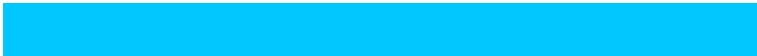
128.0000, 0.0000, 0.0000

Same Dimension

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



148.3400, 40.7514, -97.6452



146.4700, 53.5053, -128.4542



93.1620, 67.9541, -49.2541



109.6510, 2.6371, -5.8329



102.5860, 37.6721, -89.9679



29.2940, 10.7011, -25.6908

Inverse Universe

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



112.3340, 37.7963, 104.0701



99.0450, 49.7708, 136.7725



174.8380, -67.9541, 49.2541



107.6140, 2.1623, 6.4775



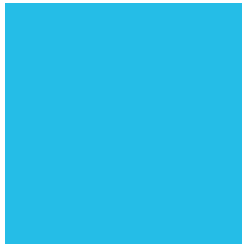
69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 148.3400, 40.7514, -97.6452 looks on a white background.

Color Contrast Check

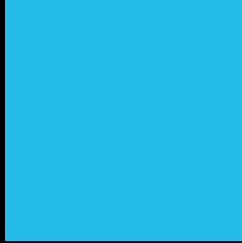
Large Text (above 18pt) WCAG AA × Fail

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 148.3400, 40.7514, -97.6452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

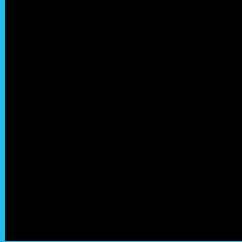
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.3400, 40.7514, -97.6452

Background



This preview shows how black text looks on a background with the YUV color 148.3400, 40.7514, -97.6452.

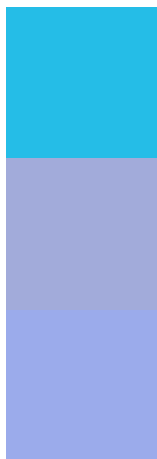


This preview shows how white text looks on a background with the YUV color 148.3400, 40.7514, -97.6452.

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

148.3400, 40.7514, -97.6452

Protanopia

173.6670, 21.8562, -10.2320

Deuteranopia

173.5120, 30.3136, -16.2350



Tritanopia

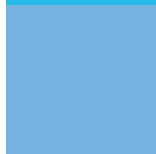
136.4160, 35.2909, -119.6368

Trichromacy



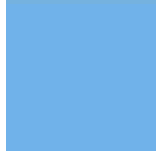
Original Color

148.3400, 40.7514, -97.6452



Protanomaly

164.8910, 28.6477, -42.0004



Deuteranomaly

164.6500, 34.1896, -46.1740



Tritanomaly

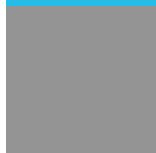
140.6280, 37.1584, -111.9298

Monochromacy



Original Color

148.3400, 40.7514, -97.6452



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.2650, 14.6594, -35.3124

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3400, 40.7514, -97.6452 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(37, 189, 231)` looks like.

```
.text, #text, p{  
    color:rgb(37, 189, 231)  
}
```

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(37, 189, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 189, 231) }
```

Border

The CSS property to change the border of an element to YUV 148.3400, 40.7514, -97.6452 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(37, 189, 231) }
```


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

```
.border{ border-color:rgb(37, 189, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 189, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 189, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 189, 231);  
box-shadow:4px 4px 4px 4px rgb(37, 189,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 148.3400, 40.7514, -97.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 189, 231) }
```

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

```
.background{ background-color: rgb(37, 189,  
231) }
```

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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