

Converting Colors

YUV(151.9800, 46.8449,
-92.0675)

Have a look what the booklet for
YUV(151.9800, 46.8449, -92.0675)
contains.

YUV(151.9800, 46.8449, -92.0675)	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(151.9800, 46.8449,
-92.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	2FBBF7
RGB	47, 187, 247
RGB Percent	18%, 73%, 97%
CMY	0.8157, 0.2667, 0.0314
CMYK	0.81, 0.24, 0.00, 0.03
HSL	198°, 93%, 58%
HSV	198°, 81%, 97%
XYZ	35.7311, 42.8604, 94.3853
YIQ	151.9800, -102.7000, -11.0200

Conversions

Conversions Part 2

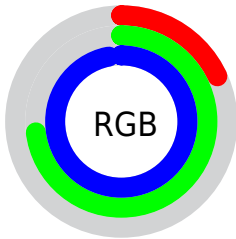
Format	Color
RYB	47, 129, 247
Decimal	3128311
CIELab	71.46, -16.12, -39.90
CIElCh	71, 43.038, 248.000
Yxy	42.8604, 0.2066, 0.2478
Android (android.graphics.Color)	4281318391 (0xFF2FBBF7)
YUV	151.9800, 46.8449, -92.0675
Hunter-Lab	65.4678, -17.1468, -39.6512

Details

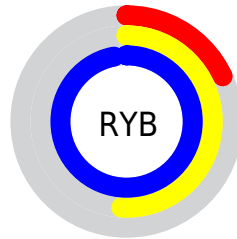
The YUV color **151.9800, 46.8449, -92.0675** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **142.0200, -46.8449, 92.0675**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0860, 22.6356, -73.7434**, and **100.3180, 44.2132, -87.9789** is the 20% darker color. If you saturate the color by 10%, you get **140.3960, 52.5558, -103.8333**, and if you desaturate by 10%, it is **163.5640, 41.1339, -80.3016**.

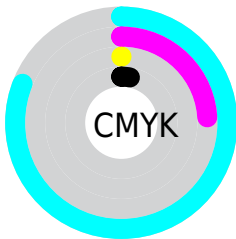
Distribution



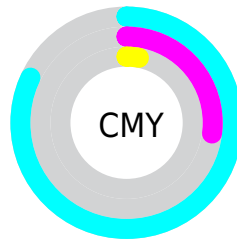
- Red (18%)
- Green (73%)
- Blue (97%)



- Red (18%)
- Yellow (51%)
- Blue (97%)



- Cyan (81%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)



- Cyan (82%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9800, 46.8449, -92.0675 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 151.9800, 46.8449, -92.0675 by changing the saturation by 10% instead.

■ 151.9800, 46.8449,
-92.0675

■ 151.9800, 46.8449,
-92.0675

■ 255.0000, 0.0000,
0.0000

■ 118.7720, 48.9194,
-104.1630

■ 209.0860, 22.6356,
-73.7434

■ 100.3180, 44.2132,
-87.9789

■ 225.6980, 14.4459,
-60.2481

■ 82.5650, 39.6545,
-72.4095

■ 235.2660, 9.7289,
-40.5753

■ 64.9260, 35.5325,
-56.9401

■ 244.8340, 5.0118,
-20.9024

■ 48.4610, 30.8317,
-42.5003

■ 254.1030, 0.4422,
-1.8443

■ 33.2840, 25.9890,
-29.1901

■ 15.9870, 23.1774,

-14.0206

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 151.9800, 46.8449,
-92.0675

■ 151.9800, 46.8449,
-92.0675

■ 140.3960, 52.5558,
-103.8333

■ 163.5640, 41.1339,
-80.3016

■ 129.7090, 57.8245,
-113.7548

■ 175.4360, 35.2811,
-69.6654

■ 187.0200, 29.5701,
-57.8995

■ 199.1910, 23.5698,
-46.6485

■ 210.7750, 17.8589,
-34.8827

■ 222.0600, 12.2954,
-23.7316

■ 234.2310, 6.2951,
-12.4806

■ 245.8150, 0.5842,
-0.7148

■ 253.5010, -3.2050,
1.3146

Harmonies

Analogous

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



139.1860, 40.8273, -122.0661



151.9800, 46.8449, -92.0675



171.2200, 39.8245, -33.5189

Triad

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



151.9800, 46.8449, -92.0675



178.2020, -6.0156, 62.9668



166.4900, -26.8636, -17.0927

Complementary

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



151.9800, 46.8449, -92.0675



142.0200, -46.8449, 92.0675

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.



171.0660, -37.0075, 16.6051



151.9800, 46.8449, -92.0675



176.3100, -23.3238, 61.1181

Square

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



151.9800, 46.8449, -92.0675



179.6140, 12.5153, 45.9425



174.3990, -35.1997, 43.5001



158.7100, -7.2520, -54.1197

Rectangle

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



151.9800, 46.8449, -92.0675



177.5830, 32.7436, -2.2653



174.3990, -35.1997, 43.5001



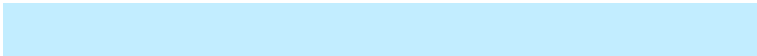
168.3020, -31.7009, -5.5269

Sweetspot

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



151.9800, 46.8449, -92.0675



226.1950, 14.2009, -28.2350



171.2400, -31.6703, -108.9585



109.8930, 8.9268, -16.5692



0.0000, 0.0000, 0.0000



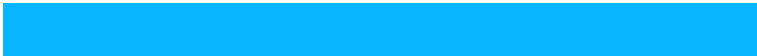
128.0000, 0.0000, 0.0000

Same Dimension

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



151.9800, 46.8449, -92.0675



137.7090, 57.8245, -113.7548



93.2800, 75.7840, -40.5876



116.6510, 2.6371, -5.8329



97.5140, 43.6236, -85.5198



30.7930, 13.9061, -27.0055

Inverse Universe

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



122.7600, 31.6703, 108.9585



101.5750, 39.1565, 134.5537



200.7200, -75.7840, 40.5876



114.6140, 2.1623, 6.4775



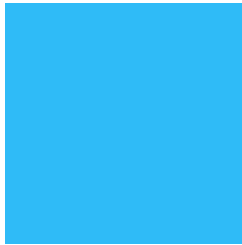
70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 151.9800, 46.8449, -92.0675 looks on a white background.

Color Contrast Check

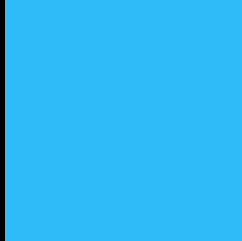
Large Text (above 18pt) WCAG AA × Fail

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 151.9800, 46.8449, -92.0675 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

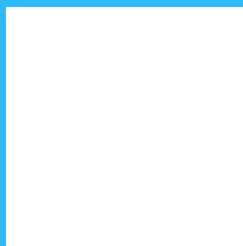
Any Text WCAG AAA ✓ Pass

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

YUV 151.9800, 46.8449, -92.0675 Background



This preview shows how black text looks on a background with the YUV color 151.9800, 46.8449, -92.0675.

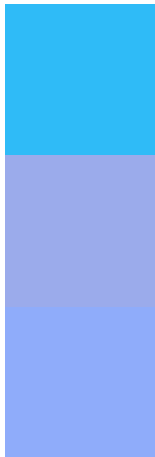


This preview shows how white text looks on a background with the YUV color 151.9800, 46.8449, -92.0675.

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

151.9800, 46.8449, -92.0675

Protanopia

173.5120, 30.3136, -16.2350

Deuteranopia

172.2210, 38.3450, -25.6268



Tritanopia

137.0030, 35.0015, -120.1516

Trichromacy



Original Color

151.9800, 46.8449, -92.0675

Protanomaly

165.8290, 36.0733, -43.7000

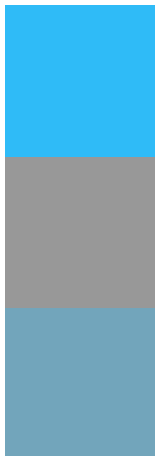
Deuteranomaly

164.5770, 41.6205, -49.6180

Tritanomaly

142.5080, 39.1896, -110.0705

Monochromacy



Original Color

151.9800, 46.8449, -92.0675

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.2590, 17.1273, -33.5531

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9800, 46.8449, -92.0675 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(47, 187, 247)` looks like.

```
.text, #text, p{  
    color:rgb(47, 187, 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(47, 187, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 187, 247) }
```

Border

The CSS property to change the border of an element to YUV 151.9800, 46.8449, -92.0675 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(47, 187, 247) }
```


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

```
.border{ border-color:rgb(47, 187, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 187, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 187, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 187, 247);  
box-shadow:4px 4px 4px 4px rgb(47, 187,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 151.9800, 46.8449, -92.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 187, 247) }
```

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

```
.background{ background-color: rgb(47, 187,  
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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