

Converting Colors

YUV(150.0870, 51.2291,
-98.3003)

Have a look what the booklet for
YUV(150.0870, 51.2291, -98.3003)
contains.

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Color

**YUV(150.0870, 51.2291,
-98.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	26BBFE
RGB	38, 187, 254
RGB Percent	15%, 73%, 100%
CMY	0.8510, 0.2667, 0.0039
CMYK	0.85, 0.26, 0.00, 0.00
HSL	199°, 99%, 57%
HSV	199°, 85%, 100%
XYZ	36.4590, 43.1085, 100.1651
YIQ	150.0870, -110.3110, -10.7510

Conversions

Conversions Part 2

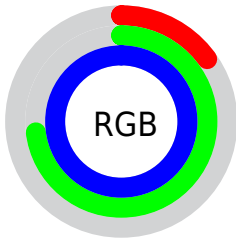
Format	Color
R _Y B	38, 126, 254
Decimal	2538494
CIE Lab	71.63, -14.41, -43.43
CIE LCh	72, 45.759, 251.639
Yxy	43.1085, 0.2029, 0.2398
Android (android.graphics.Color)	4280728574 (0xFF26BBFE)
YUV	150.0870, 51.2291, -98.3003
Hunter-Lab	65.6570, -15.7796, -44.4917

Details

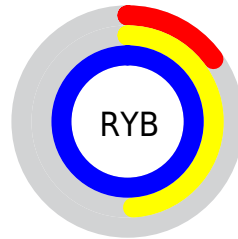
The YUV color **150.0870, 51.2291, -98.3003** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **141.9130, -51.2291, 98.3003**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1890, 23.0778, -75.5878**, and **101.1160, 47.2708, -88.6787** is the 20% darker color. If you saturate the color by 10%, you get **137.9160, 57.2294, -109.5513**, and if you desaturate by 10%, it is **162.2580, 45.2288, -87.0493**.

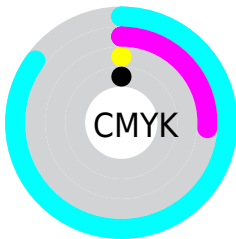
Distribution



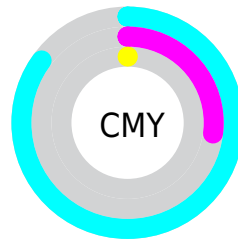
- Red (15%)
- Green (73%)
- Blue (100%)



- Red (15%)
- Yellow (49%)
- Blue (100%)



- Cyan (85%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0870, 51.2291, -98.3003 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 150.0870, 51.2291, -98.3003 by changing the saturation by 10% instead.

■ 150.0870, 51.2291,
-98.3003

■ 150.0870, 51.2291,
-98.3003

■ 255.0000, 0.0000,
0.0000

■ 119.5700, 51.9770,
-104.8629

■ 208.1890, 23.0778,
-75.5878

■ 101.1160, 47.2708,
-88.6787

■ 225.1000, 14.7407,
-61.4777

■ 83.2490, 42.2752,
-73.0094

■ 234.6680, 10.0237,
-41.8048

■ 66.1970, 37.8639,
-58.0548

■ 244.2360, 5.3067,
-22.1320

■ 49.7320, 33.1631,
-43.6150

■ 253.8040, 0.5896,
-2.4591

■ 33.9680, 28.6098,
-29.7899

■ 17.7310, 24.7826,

-15.5501

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 150.0870, 51.2291,
-98.3003

■ 150.0870, 51.2291,
-98.3003

■ 137.9160, 57.2294,
-109.5513

■ 162.2580, 45.2288,
-87.0493

■ 131.6810, 60.3033,
-115.4842

■ 174.7280, 39.0811,
-75.1835

■ 186.8990, 33.0808,
-63.9324

■ 199.3690, 26.9331,
-52.0666

■ 210.9530, 21.2222,
-40.3008

■ 223.1240, 15.2219,
-29.0497

■ 235.5940, 9.0742,
-17.1839

■ 247.7650, 3.0739,
-5.9329

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



140.6850, 44.0323, -123.3807



150.0870, 51.2291, -98.3003



172.4700, 40.6873, -30.2302

Triad

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



150.0870, 51.2291, -98.3003



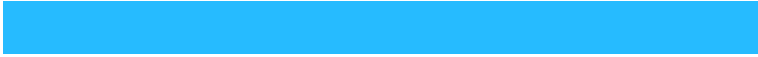
177.9530, -8.3578, 67.5702



165.4570, -26.8473, -22.3258

Complementary

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



150.0870, 51.2291, -98.3003



141.9130, -51.2291, 98.3003

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.



170.5880, -38.7439, 13.5163



150.0870, 51.2291, -98.3003



176.1100, -26.6762, 63.0475

Square

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



150.0870, 51.2291, -98.3003



180.0170, 11.3306, 52.6051



173.8890, -38.3993, 43.0703



155.8550, -3.8725, -64.7708

Rectangle

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



150.0870, 51.2291, -98.3003



178.8440, 33.6009, 2.7678



173.8890, -38.3993, 43.0703



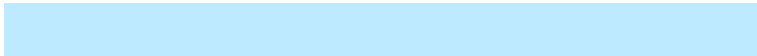
167.4540, -32.2688, -10.0452

Sweetspot

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



150.0870, 51.2291, -98.3003



222.9390, 15.8061, -29.7645



172.2020, -34.1166, -117.6952



108.4090, 9.6584, -17.8987



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.



150.0870, 51.2291, -98.3003



132.3820, 60.4507, -116.0990



87.8650, 81.9046, -43.7316



121.7650, 3.0739, -5.9329



99.2580, 45.2288, -87.0493



33.1240, 15.2219, -29.0497

Inverse Universe

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



119.5700, 33.2430, 117.8951



96.3090, 39.2877, 139.1720



204.1350, -81.9046, 43.7316



119.9130, 2.0149, 7.0923



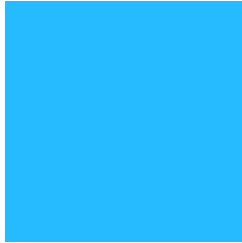
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 150.0870, 51.2291, -98.3003 looks on a white background.

Color Contrast Check

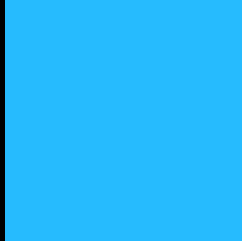
Large Text (above 18pt) WCAG AA × Fail

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 150.0870, 51.2291, -98.3003 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

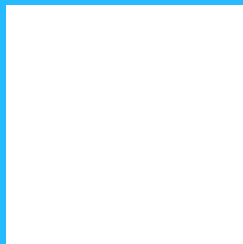
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.0870, 51.2291, -98.3003

Background



This preview shows how black text looks on a background with the YUV color 150.0870, 51.2291, -98.3003.



This preview shows how white text looks on a background with the YUV color 150.0870, 51.2291, -98.3003.

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

150.0870, 51.2291, -98.3003

Protanopia

174.2990, 33.3766, -18.6792

Deuteranopia

172.1820, 40.8293, -29.1006



Tritanopia

137.7040, 35.1489, -120.7664

Trichromacy



Original Color

150.0870, 51.2291, -98.3003



Protanomaly

165.1320, 39.8679, -47.4738



Deuteranomaly

164.0540, 44.8364, -54.4214



Tritanomaly

141.9530, 40.9422, -112.2148

Monochromacy



Original Color

150.0870, 51.2291, -98.3003



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7040, 18.8799, -35.6974

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0870, 51.2291, -98.3003 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(38, 187, 254)` looks like.

```
.text, #text, p{  
    color:rgb(38, 187, 254)  
}
```

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(38, 187, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 187, 254) }
```

Border

The CSS property to change the border of an element to YUV 150.0870, 51.2291, -98.3003 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(38, 187, 254) }
```


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

```
.border{ border-color:rgb(38, 187, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 187, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 187, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 187, 254);  
box-shadow:4px 4px 4px 4px rgb(38, 187,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 150.0870, 51.2291, -98.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 187, 254) }
```

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

```
.background{ background-color: rgb(38, 187,  
254) }
```

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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