

Converting Colors

YUV(153.7300, 49.4331,
-82.2012)

Have a look what the booklet for
YUV(153.7300, 49.4331, -82.2012)
contains.

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Color

**YUV(153.7300, 49.4331,
-82.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	3CB6FE
RGB	60, 182, 254
RGB Percent	24%, 71%, 100%
CMY	0.7647, 0.2863, 0.0039
CMYK	0.76, 0.28, 0.00, 0.00
HSL	202°, 99%, 62%
HSV	202°, 76%, 100%
XYZ	36.4808, 41.5723, 99.8674
YIQ	153.7300, -95.8240, -3.4720

Conversions

Conversions Part 2

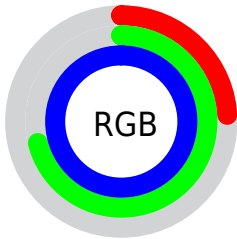
Format	Color
RYB	60, 135, 254
Decimal	3979006
CIELab	70.58, -9.80, -45.05
CIELCh	71, 46.107, 257.726
Yxy	41.5723, 0.2050, 0.2337
Android (android.graphics.Color)	4282169086 (0xFF3CB6FE)
YUV	153.7300, 49.4331, -82.2012
Hunter-Lab	64.4766, -11.8388, -46.7003

Details

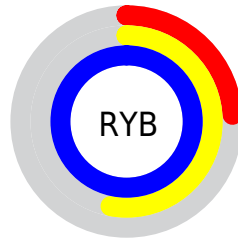
The YUV color **153.7300, 49.4331, -82.2012** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **160.2700, -49.4331, 82.2012**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5430, 22.9033, -66.2512**, and **98.1810, 48.7178, -86.1047** is the 20% darker color. If you saturate the color by 10%, you get **140.9720, 55.7228, -92.9374**, and if you desaturate by 10%, it is **166.4880, 43.1434, -71.4650**.

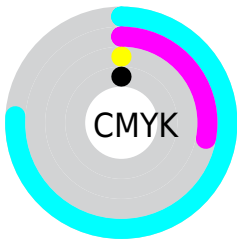
Distribution



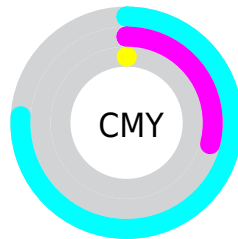
- Red (24%)
- Green (71%)
- Blue (100%)



- Red (24%)
- Yellow (53%)
- Blue (100%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7300, 49.4331, -82.2012 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 153.7300, 49.4331, -82.2012 by changing the saturation by 10% instead.

■ 153.7300, 49.4331,
-82.2012

■ 153.7300, 49.4331,
-82.2012

255.0000, 0.0000,
0.0000

■ 116.6350, 53.4239,
-102.2889

■ 208.5430, 22.9033,
-66.2512

■ 98.1810, 48.7178,
-86.1047

■ 228.0900, 13.2666,
-55.3299

■ 80.3140, 43.7222,
-70.4354

■ 237.3590, 8.6970,
-36.2718

■ 63.2620, 39.3108,
-55.4808

■ 246.9270, 3.9800,
-16.5990

■ 47.3840, 34.3207,
-41.5558

■ 32.2070, 29.4779,
-28.2455

■ 14.2090, 26.5190,

-12.4613

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 153.7300, 49.4331,
-82.2012

■ 153.7300, 49.4331,
-82.2012

■ 140.9720, 55.7228,
-92.9374

■ 166.4880, 43.1434,
-71.4650

■ 127.3280, 62.4493,
-103.7737

■ 180.1320, 36.4169,
-60.6288

■ 122.8760, 64.6441,
-107.7623

■ 192.8900, 30.1272,
-49.8925

■ 206.5340, 23.4007,
-39.0563

■ 219.2920, 17.1110,
-28.3201

■ 232.6370, 10.5320,
-18.0986

■ 245.6940, 4.0949,
-6.7476

■ 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.



138.7930, 46.9371, -121.7215



153.7300, 49.4331, -82.2012



171.8950, 39.4918, -20.0789

Triad

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



153.7300, 49.4331, -82.2012



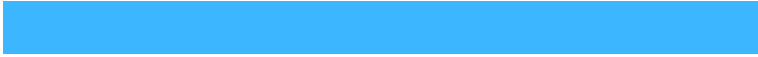
174.2260, -12.4364, 69.0848



161.0260, -23.1838, -30.7178

Complementary

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



153.7300, 49.4331, -82.2012



160.2700, -49.4331, 82.2012

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.



166.7720, -37.8486, 6.3390



153.7300, 49.4331, -82.2012



172.5890, -29.8704, 60.8734

Square

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



153.7300, 49.4331, -82.2012



176.4260, 7.6780, 57.5084



170.2150, -39.5460, 37.5224



148.9720, 1.9858, -77.1514

Rectangle

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



153.7300, 49.4331, -82.2012



177.1010, 30.5162, 12.1894



170.2150, -39.5460, 37.5224



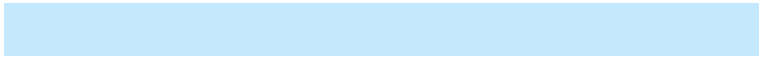
163.2080, -29.1895, -17.7224

Sweetspot

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



153.7300, 49.4331, -82.2012



224.4450, 15.0636, -24.9463



181.9720, -25.1292, -106.9694



109.0180, 9.3581, -14.9248



0.0000, 0.0000, 0.0000



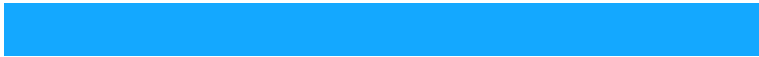
128.0000, 0.0000, 0.0000

Same Dimension

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



153.7300, 49.4331, -82.2012



133.6660, 59.8177, -99.6851



97.3780, 77.2146, -32.7805



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Inverse Universe

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



131.9140, 24.6924, 107.0694



107.1370, 30.0055, 129.6759



216.6220, -77.2146, 32.7805



119.7990, 1.5781, 7.1923



70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 153.7300, 49.4331, -82.2012 looks on a white background.

Color Contrast Check

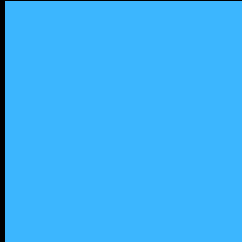
Large Text (above 18pt) WCAG AA × Fail

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 153.7300, 49.4331, -82.2012 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

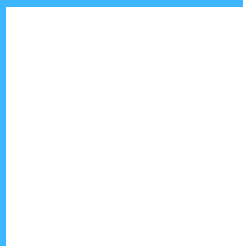
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.7300, 49.4331, -82.2012

Background



This preview shows how black text looks on a background with the YUV color 153.7300, 49.4331, -82.2012.



This preview shows how white text looks on a background with the YUV color 153.7300, 49.4331, -82.2012.

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

153.7300, 49.4331, -82.2012

Protanopia

171.1570, 35.4186, -20.3087

Deuteranopia

169.2140, 42.2925, -31.7597



Tritanopia

135.0140, 34.9961, -118.4073

Trichromacy



Original Color

153.7300, 49.4331, -82.2012

Protanomaly

164.9800, 40.4359, -42.9555

Deuteranomaly

163.4890, 45.1149, -50.4179

Tritanomaly

141.7690, 40.0469, -105.0374

Monochromacy



Original Color

153.7300, 49.4331, -82.2012

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8080, 17.8427, -29.6496

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7300, 49.4331, -82.2012 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(60, 182, 254)` looks like.

```
.text, #text, p{  
    color:rgb(60, 182, 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(60, 182, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 182, 254) }
```

Border

The CSS property to change the border of an element to YUV 153.7300, 49.4331, -82.2012 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(60, 182, 254) }
```


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

```
.border{ border-color:rgb(60, 182, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 182, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 182, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 182, 254);  
box-shadow:4px 4px 4px 4px rgb(60, 182,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 153.7300, 49.4331, -82.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 182, 254) }
```

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

```
.background{ background-color: rgb(60, 182,  
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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