

Converting Colors

YUV(153.1540, 46.2661,
-93.0971)

Have a look what the booklet for
YUV(153.1540, 46.2661, -93.0971)
contains.

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Color

**YUV(153.1540, 46.2661,
-93.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	2FBDF7
RGB	47, 189, 247
RGB Percent	18%, 74%, 97%
CMY	0.8157, 0.2588, 0.0314
CMYK	0.81, 0.23, 0.00, 0.03
HSL	197°, 93%, 58%
HSV	197°, 81%, 97%
XYZ	36.1584, 43.7149, 94.5278
YIQ	153.1540, -103.2500, -12.0660

Conversions

Conversions Part 2

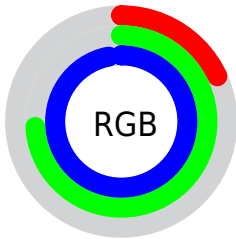
Format	Color
R _{YB}	47, 130, 247
Decimal	3128823
CIE Lab	72.04, -17.18, -39.00
CIE LCh	72, 42.620, 246.230
Yxy	43.7149, 0.2073, 0.2507
Android (android.graphics.Color)	4281318903 (0xFF2FBDF7)
YUV	153.1540, 46.2661, -93.0971
Hunter-Lab	66.1173, -18.0867, -38.4847

Details

The YUV color **153.1540, 46.2661, -93.0971** 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 **140.8460, -46.2661, 93.0971**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2600, 22.0568, -74.7730**, and **101.4920, 43.6344, -89.0085** is the 20% darker color. If you saturate the color by 10%, you get **141.5700, 51.9770, -104.8629**, and if you desaturate by 10%, it is **164.7380, 40.5552, -81.3312**.

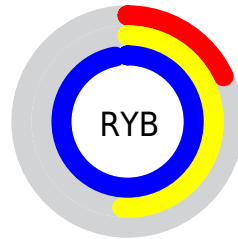
Distribution



Red (18%)

Green (74%)

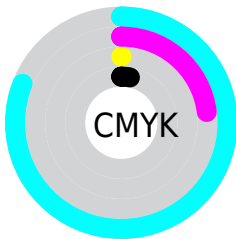
Blue (97%)



Red (18%)

Yellow (51%)

Blue (97%)

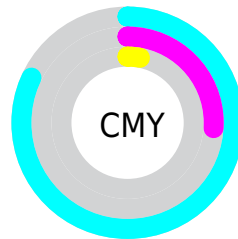


Cyan (81%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (82%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1540, 46.2661, -93.0971 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 153.1540, 46.2661, -93.0971 by changing the saturation by 10% instead.

153.1540, 46.2661,
-93.0971

153.1540, 46.2661,
-93.0971

255.0000, 0.0000,
0.0000

119.9460, 48.3406,
-105.1926

210.2600, 22.0568,
-74.7730

101.4920, 43.6344,
-89.0085

225.9970, 14.2985,
-59.6334

83.1520, 39.3651,
-72.9243

235.2660, 9.7289,
-40.5753

66.1000, 34.9537,
-57.9697

244.8340, 5.0118,
-20.9024

49.6350, 30.2529,
-43.5299

254.1030, 0.4422,
-1.8443

33.8710, 25.6996,
-29.7049

17.7480, 22.3092,

-15.5650

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 153.1540, 46.2661,
-93.0971

■ 153.1540, 46.2661,
-93.0971

■ 141.5700, 51.9770,
-104.8629

■ 164.7380, 40.5552,
-81.3312

■ 130.8830, 57.2457,
-114.7844

■ 176.0230, 34.9917,
-70.1802

■ 187.6070, 29.2807,
-58.4143

■ 199.7780, 23.2804,
-47.1633

■ 211.3620, 17.5695,
-35.3975

■ 222.6470, 12.0060,
-24.2464

■ 234.2310, 6.2951,
-12.4806

■ 245.8150, 0.5842,
-0.7148

■ 252.9140, -2.9156,
1.8294

Harmonies

Analogous

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



139.6590, 40.1011, -122.4809



153.1540, 46.2661, -93.0971



172.6110, 40.1248, -36.4928

Triad

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



153.1540, 46.2661, -93.0971



179.5440, -4.7052, 62.6669



168.5720, -27.8900, -14.5336

Complementary

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



153.1540, 46.2661, -93.0971



140.8460, -46.2661, 93.0971

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.



173.0770, -37.0130, 18.3495



153.1540, 46.2661, -93.0971



177.9510, -22.1608, 61.4330

Square

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



153.1540, 46.2661, -93.0971



181.8310, 13.3943, 43.9982



175.6380, -34.3315, 45.0445



161.6780, -8.7153, -51.4606

Rectangle

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



153.1540, 46.2661, -93.0971



178.3870, 33.3332, -4.7244



175.6380, -34.3315, 45.0445



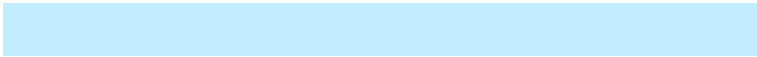
170.4980, -32.2905, -3.0677

Sweetspot

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



153.1540, 46.2661, -93.0971



226.1950, 14.2009, -28.2350



170.8980, -32.9807, -108.6585



110.4800, 8.6374, -17.0840



0.0000, 0.0000, 0.0000



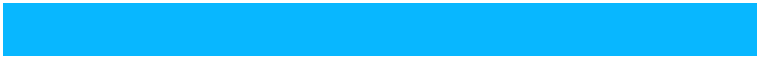
128.0000, 0.0000, 0.0000

Same Dimension

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



153.1540, 46.2661, -93.0971



138.8830, 57.2457, -114.7844



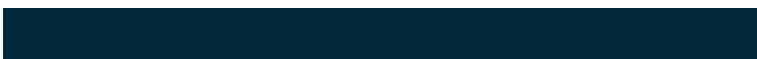
95.0410, 74.9158, -42.1320



116.6510, 2.6371, -5.8329



98.6880, 43.0448, -86.5494



31.3800, 13.6167, -27.5203

Inverse Universe

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



122.9880, 32.5439, 108.7585



101.8030, 40.0301, 134.3538



198.9590, -74.9158, 42.1320



114.6140, 2.1623, 6.4775



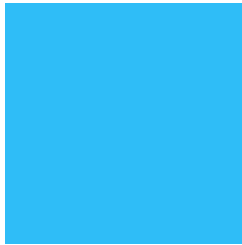
70.6620, 30.2396, 101.1514



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 153.1540, 46.2661, -93.0971 looks on a white background.

Color Contrast Check

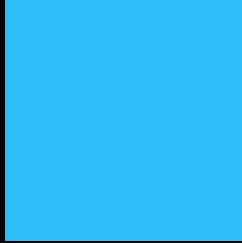
Large Text (above 18pt) WCAG AA × Fail

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 153.1540, 46.2661, -93.0971 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

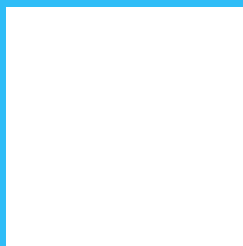
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.1540, 46.2661, -93.0971

Background



This preview shows how black text looks on a background with the YUV color 153.1540, 46.2661, -93.0971.

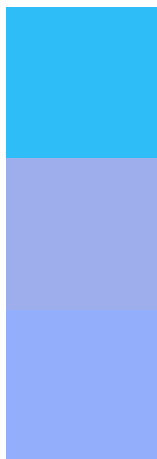


This preview shows how white text looks on a background with the YUV color 153.1540, 46.2661, -93.0971.

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

153.1540, 46.2661, -93.0971

Protanopia

175.5830, 29.2926, -15.4203

Deuteranopia

174.7050, 37.6134, -24.2973



Tritanopia

138.4050, 35.2963, -121.3812

Trichromacy



Original Color

153.1540, 46.2661, -93.0971

Protanomaly

167.6010, 35.1997, -43.5001

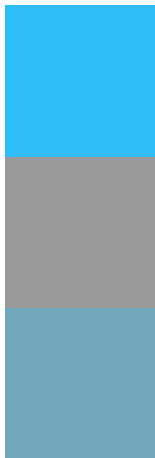
Deuteranomaly

166.7620, 41.0363, -48.9033

Tritanomaly

143.7960, 39.0476, -111.2001

Monochromacy



Original Color

153.1540, 46.2661, -93.0971

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8460, 16.8379, -34.0679

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1540, 46.2661, -93.0971 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, 189, 247)` looks like.

```
.text, #text, p{  
    color:rgb(47, 189, 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, 189, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 189, 247) }
```

Border

The CSS property to change the border of an element to YUV 153.1540, 46.2661, -93.0971 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, 189, 247) }
```


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

```
.border{ border-color:rgb(47, 189, 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, 189, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 189, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 189, 247);  
box-shadow:4px 4px 4px 4px rgb(47, 189,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 153.1540, 46.2661, -93.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 189, 247) }
```

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

```
.background{ background-color: rgb(47, 189,  
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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