

Converting Colors

YUV(157.8210, 47.9092,
-106.8370)

Have a look what the booklet for
YUV(157.8210, 47.9092, -106.8370)
contains.

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Color

**YUV(157.8210, 47.9092,
-106.8370)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 24C9FF |
| RGB | 36, 201, 255 |
| RGB Percent | 14%, 79%, 100% |
| CMY | 0.8588, 0.2118, 0.0000 |
| CMYK | 0.86, 0.21, 0.00, 0.00 |
| HSL | 195°, 100%, 57% |
| HSV | 195°, 86%, 100% |
| XYZ | 39.6642, 49.3684, 102.0463 |
| YIQ | 157.8210, -115.6740, -18.1860 |

Conversions

Conversions Part 2

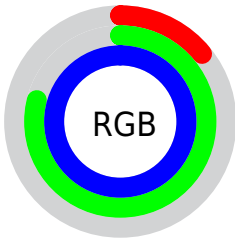
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 36, 130, 255 |
| Decimal | 2411007 |
| CIE _{Lab} | 75.68, -21.53, -37.65 |
| CIE _{LCh} | 76, 43.375, 240.241 |
| Yxy | 49.3684, 0.2076, 0.2584 |
| Android (android.graphics.Color) | 4280601087 (0xFF24C9FF) |
| YUV | 157.8210, 47.9092, -106.8370 |
| Hunter-Lab | 70.2626, -22.1939, -36.9263 |

Details

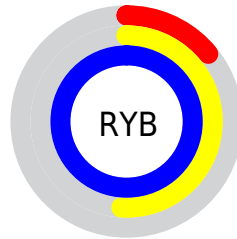
The YUV color **157.8210, 47.9092, -106.8370** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **133.1790, -47.9092, 106.8370**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **108.8610, 43.9455, -95.4711** is the 20% darker color. If you saturate the color by 10%, you get **146.5250, 53.4782, -119.7324**, and if you desaturate by 10%, it is **168.8180, 42.4877, -94.5564**.

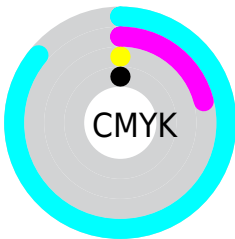
Distribution



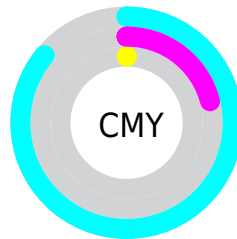
- Red (14%)
- Green (79%)
- Blue (100%)



- Red (14%)
- Yellow (51%)
- Blue (100%)



- Cyan (86%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8210, 47.9092, -106.8370 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 157.8210, 47.9092, -106.8370 by changing the saturation by 10% instead.

157.8210, 47.9092,
-106.8370

157.8210, 47.9092,
-106.8370

255.0000, 0.0000,
0.0000

127.9020, 48.3623,
-112.1701

215.5320, 19.4577,
-81.1506

108.8610, 43.9455,
-95.4711

225.3990, 14.5933,
-60.8629

90.5210, 39.6761,
-79.3869

234.9670, 9.8763,
-41.1901

72.7680, 35.1174,
-63.8175

244.5350, 5.1592,
-21.5172

55.7160, 30.7060,
-48.8629

254.1030, 0.4422,
-1.8443

39.9520, 26.1527,
-35.0379

26.0630, 21.1679,

-22.8573

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 157.8210, 47.9092,
-106.8370

■ 157.8210, 47.9092,
-106.8370

■ 146.5250, 53.4782,
-119.7324

■ 168.8180, 42.4877,
-94.5564

■ 141.7740, 55.8204,
-124.3358

■ 180.7010, 36.6294,
-82.1758

■ 191.6980, 31.2079,
-69.8951

■ 202.9940, 25.6390,
-56.9997

■ 213.9910, 20.2174,
-44.7191

■ 225.8740, 14.3591,
-32.3385

■ 236.8710, 8.9376,
-20.0579

■ 248.1670, 3.3687,
-7.1625

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

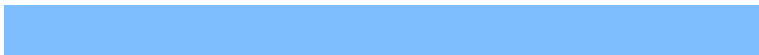
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



147.1590, 38.3756, -129.0584



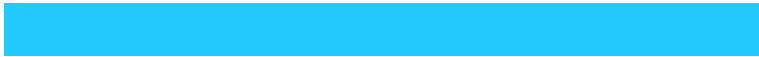
157.8210, 47.9092, -106.8370



178.2740, 37.8259, -45.8443

Triad

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



157.8210, 47.9092, -106.8370



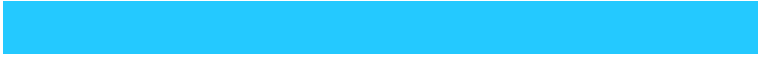
188.6620, -0.3264, 58.1784



179.1060, -31.1113, -7.9860

Complementary

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



157.8210, 47.9092, -106.8370



133.1790, -47.9092, 106.8370

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.



183.3660, -38.6344, 25.1120



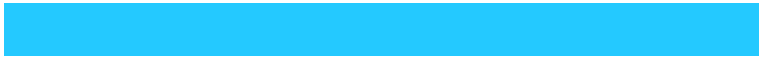
157.8210, 47.9092, -106.8370



185.8630, -18.6665, 60.6331

Square

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



157.8210, 47.9092, -106.8370



191.8350, 17.3363, 39.6097



186.1980, -33.6216, 50.6924



172.7560, -13.6837, -44.5130

Rectangle

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



157.8210, 47.9092, -106.8370



186.4460, 33.7971, -13.5461



186.1980, -33.6216, 50.6924



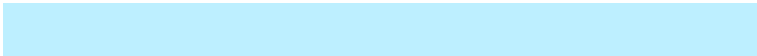
181.1460, -35.0750, 3.3800

Sweetspot

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



157.8210, 47.9092, -106.8370



225.8740, 14.3591, -32.3385



170.3670, -41.0999, -117.8399



110.1700, 8.7902, -19.4431



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.



157.8210, 47.9092, -106.8370



141.7740, 55.8204, -124.3358



95.0120, 78.8741, -51.7535



121.7650, 3.0739, -5.9329



106.3020, 41.7561, -93.2269



35.4720, 14.0643, -31.1089

Inverse Universe

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



120.2910, 39.7895, 118.1398



98.1330, 46.2764, 137.5724



195.9880, -78.8741, 51.7535



119.9130, 2.0149, 7.0923



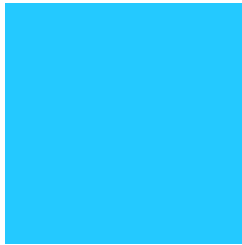
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 157.8210, 47.9092, -106.8370 looks on a white background.

Color Contrast Check

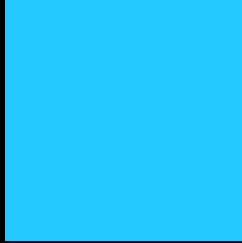
Large Text (above 18pt) WCAG AA × Fail

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 157.8210, 47.9092, -106.8370 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

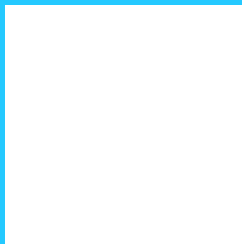
Any Text WCAG AAA ✓ Pass

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

YUV 157.8210, 47.9092, -106.8370 Background



This preview shows how black text looks on a background with the YUV color 157.8210, 47.9092, -106.8370.



This preview shows how white text looks on a background with the YUV color 157.8210, 47.9092, -106.8370.

-106.8370.

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

157.8210, 47.9092, -106.8370

Protanopia

185.4260, 27.3980, -14.4056

Deuteranopia

184.6300, 34.6924, -20.7235



Tritanopia

146.2300, 37.3546, -128.2437

Trichromacy



Original Color

157.8210, 47.9092, -106.8370

Protanomaly

175.7530, 34.6318, -48.0184

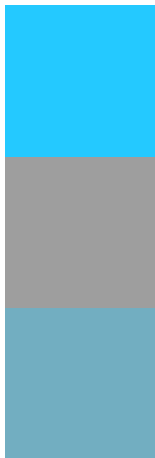
Deuteranomaly

175.2840, 39.3000, -51.9921

Tritanomaly

150.3110, 41.2587, -120.4217

Monochromacy



Original Color

157.8210, 47.9092, -106.8370

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2260, 17.1436, -38.7862

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8210, 47.9092, -106.8370 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(36, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(36, 201, 255)  
}
```

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(36, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 201, 255) }
```

Border

The CSS property to change the border of an element to YUV 157.8210, 47.9092, -106.8370 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(36, 201, 255) }
```


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

```
.border{ border-color:rgb(36, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(36, 201,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 157.8210, 47.9092, -106.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 201, 255) }
```

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

```
.background{ background-color: rgb(36, 201,  
255) }
```

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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