

Converting Colors

YUV(208.5100, 22.9196,
-71.4843)

Have a look what the booklet for
YUV(208.5100, 22.9196, -71.4843)
contains.

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Color

**YUV(208.5100, 22.9196,
-71.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	7FF1FF
RGB	127, 241, 255
RGB Percent	50%, 95%, 100%
CMY	0.5020, 0.0549, 0.0000
CMYK	0.50, 0.05, 0.00, 0.00
HSL	187°, 100%, 75%
HSV	187°, 50%, 100%
XYZ	58.2577, 74.6426, 105.9447
YIQ	208.5100, -72.4380, -19.8140

Conversions

Conversions Part 2

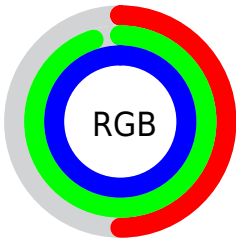
Format	Color
RYB	127, 187, 255
Decimal	8385023
CIELab	89.23, -28.83, -16.76
CIELCh	89, 33.350, 210.172
Yxy	74.6426, 0.2439, 0.3125
Android (android.graphics.Color)	4286575103 (0xFF7FF1FF)
YUV	208.5100, 22.9196, -71.4843
Hunter-Lab	86.3960, -30.8285, -12.2283

Details

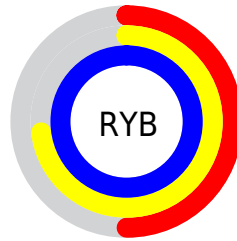
The YUV color **208.5100, 22.9196, -71.4843** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **173.4900, -22.9196, 71.4843**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **149.7050, 23.8094, -76.9173** is the 20% darker color. If you saturate the color by 10%, you get **199.2740, 27.4729, -85.3093**, and if you desaturate by 10%, it is **218.0450, 18.2188, -57.0445**.

Distribution



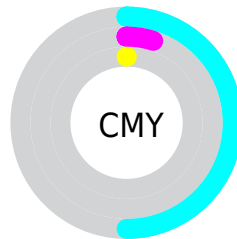
- Red (50%)
- Green (95%)
- Blue (100%)



- Red (50%)
- Yellow (73%)
- Blue (100%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.5100, 22.9196, -71.4843 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 208.5100, 22.9196, -71.4843 by changing the saturation by 10% instead.

208.5100, 22.9196,
-71.4843

208.5100, 22.9196,
-71.4843

255.0000, 0.0000,
0.0000

178.9120, 23.2144,
-72.7138

234.6680, 10.0237,
-41.8048

149.7050, 23.8094,
-76.9173

243.6380, 5.6015,
-23.3615

114.3440, 27.9314,
-92.3867

252.9070, 1.0318,
-4.3034

93.3130, 24.9887,
-81.8355

75.7880, 21.3035,
-66.4661

58.2630, 17.6183,
-51.0967

41.4390, 14.0806,

-36.3420

■ 26.6040, 10.5482,
-23.3317

■ 3.7790, 11.9410,
-3.3142

■ 208.5100, 22.9196,
-71.4843

■ 208.5100, 22.9196,
-71.4843

■ 199.2740, 27.4729,
-85.3093

■ 218.0450, 18.2188,
-57.0445

■ 189.7390, 32.1737,
-99.7491

■ 227.2810, 13.6655,
-43.2194

■ 181.0900, 36.4376,
-114.0889

■ 236.2290, 9.2541,
-28.2648

■ 171.5550, 41.1384,
-128.5287

■ 245.4650, 4.7008,
-14.4398

■ 162.3190, 45.6917, 255.0000, 0.0000,
-142.3538 0.0000

Harmonies

Analogous

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



210.2330, 6.2941, -58.9633



208.5100, 22.9196, -71.4843



210.6580, 21.8606, -58.4591

Triad

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



208.5100, 22.9196, -71.4843



226.2370, 14.1802, 25.2252



222.5210, -30.3299, 21.4681

Complementary

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



208.5100, 22.9196, -71.4843



173.4900, -22.9196, 71.4843

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.



219.4820, -24.3946, 31.1493



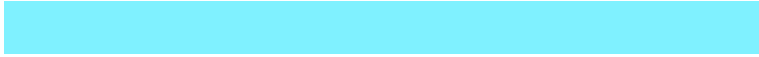
208.5100, 22.9196, -71.4843



219.8820, 2.5232, 30.7985

Square

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



208.5100, 22.9196, -71.4843



224.3330, 15.1188, 4.0930



217.5220, -11.5963, 32.8682



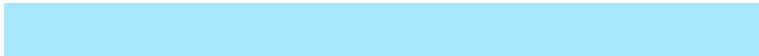
219.0230, -25.1543, -5.2822

Rectangle

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



208.5100, 22.9196, -71.4843



214.6110, 19.9118, -40.0008



217.5220, -11.5963, 32.8682



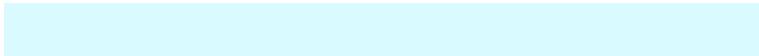
223.2660, -30.2041, 27.8307

Sweetspot

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



208.5100, 22.9196, -71.4843



241.2900, 6.7590, -21.3023



203.6180, -31.3637, -67.1940



119.3620, 4.2585, -12.5955



0.0000, 0.0000, 0.0000



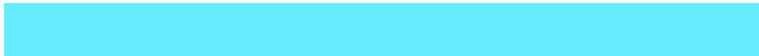
128.0000, 0.0000, 0.0000

Same Dimension

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



208.5100, 22.9196, -71.4843



199.2740, 27.4729, -85.3093



171.5290, 41.1512, -39.0519



122.9390, 2.4951, -6.9625



121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421

Inverse Universe

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



178.2680, 30.9269, 67.2940



163.2510, 36.8513, 80.4639



210.4710, -41.1512, 39.0519



120.1410, 2.8885, 6.8923



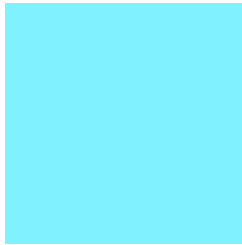
76.4890, 46.1009, 100.4261



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 208.5100, 22.9196, -71.4843 looks on a white background.

Color Contrast Check

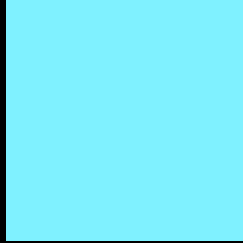
Large Text (above 18pt) WCAG AA × Fail

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 208.5100, 22.9196, -71.4843 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

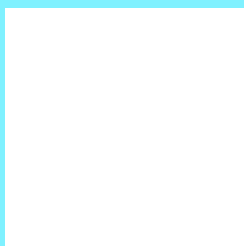
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.5100, 22.9196, -71.4843

Background



This preview shows how black text looks on a background with the YUV color 208.5100, 22.9196, -71.4843.



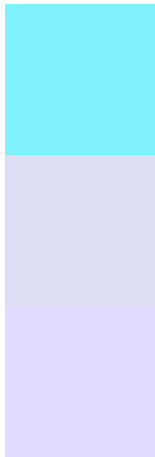
This preview shows how white text looks on a background with the YUV color 208.5100, 22.9196, -71.4843.

-71.4843.

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

208.5100, 22.9196, -71.4843

Protanopia

223.5080, 9.6096, -2.1995

Deuteranopia

224.6100, 14.9823, 1.2190



Tritanopia

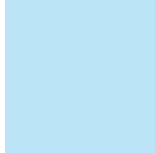
212.4300, 20.9870, -58.2591

Trichromacy



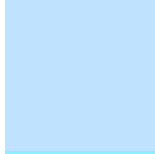
Original Color

208.5100, 22.9196, -71.4843



Protanomaly

217.9070, 14.3428, -27.1054



Deuteranomaly

218.5420, 17.9738, -25.0313



Tritanomaly

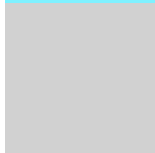
210.9240, 21.7295, -63.0773

Monochromacy



Original Color

208.5100, 22.9196, -71.4843



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.0120, 8.3751, -26.3205

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.5100, 22.9196, -71.4843 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(127, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 241, 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(127, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 241, 255) }
```

Border

The CSS property to change the border of an element to YUV 208.5100, 22.9196, -71.4843 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(127, 241, 255) }
```


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

```
.border{ border-color:rgb(127, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 241, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 241, 255); box-shadow:4px 4px 4px 4px rgb(127, 241, 255) }
```

Background

The CSS property to change the background color of an element to YUV 208.5100, 22.9196, -71.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 241, 255) }
```

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

```
.background{ background-color: rgb(127,  
241, 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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