

Converting Colors

YUV(203.2130, 16.6570,
-69.4698)

Have a look what the booklet for
YUV(203.2130, 16.6570, -69.4698)
contains.

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Color

**YUV(203.2130, 16.6570,
-69.4698)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CEDED |
| RGB | 124, 237, 237 |
| RGB Percent | 49%, 93%, 93% |
| CMY | 0.5137, 0.0706, 0.0706 |
| CMYK | 0.48, 0.00, 0.00, 0.07 |
| HSL | 180°, 76%, 71% |
| HSV | 180°, 48%, 93% |
| XYZ | 53.8824, 70.9679, 90.9790 |
| YIQ | 203.2130, -67.3480, -23.9560 |

Conversions

Conversions Part 2

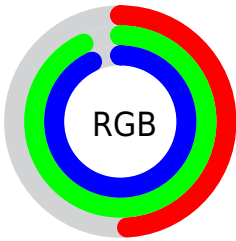
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 181, 237 |
| Decimal | 8187373 |
| CIELab | 87.47, -32.17, -9.98 |
| CIELCh | 87, 33.686, 197.233 |
| Yxy | 70.9679, 0.2497, 0.3288 |
| Android (android.graphics.Color) | 4286377453 (0xFF7CEDED) |
| YUV | 203.2130, 16.6570, -69.4698 |
| Hunter-Lab | 84.2424, -33.2536, -5.0615 |

Details

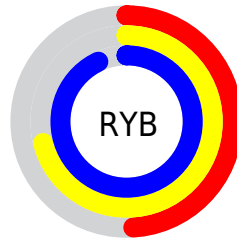
The YUV color **203.2130, 16.6570, -69.4698** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **157.7870, -16.6570, 69.4698**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **145.1200, 17.6888, -73.7732** is the 20% darker color. If you saturate the color by 10%, you get **196.0370, 20.1948, -84.2244**, and if you desaturate by 10%, it is **210.3890, 13.1192, -54.7152**.

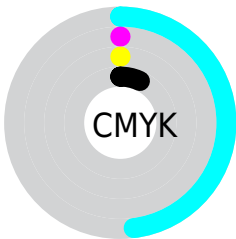
Distribution



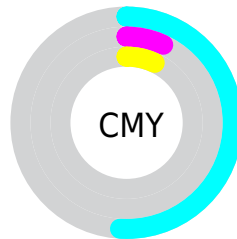
- Red (49%)
- Green (93%)
- Blue (93%)



- Red (49%)
- Yellow (71%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.2130, 16.6570, -69.4698 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 203.2130, 16.6570, -69.4698 by changing the saturation by 10% instead.

203.2130, 16.6570,
-69.4698

203.2130, 16.6570,
-69.4698

255.0000, 0.0000,
0.0000

174.6150, 16.9518,
-70.6994

233.4720, 10.6133,
-44.2639

145.1200, 17.6888,
-73.7732

242.4420, 6.1911,
-25.8206

111.5420, 20.9318,
-87.2983

251.4120, 1.7689,
-7.3773

89.1410, 19.1575,
-78.1767

71.6160, 15.4723,
-62.8072

54.2050, 12.2239,
-47.5378

38.1960, 9.2704,

-33.4979

■ 23.9480, 5.4486,
-21.0024

■ 2.0690, 5.3890,
-1.8145

■ 203.2130, 16.6570,
-69.4698

■ 203.2130, 16.6570,
-69.4698

■ 196.0370, 20.1948,
-84.2244

■ 210.3890, 13.1192,
-54.7152

■ 189.1600, 23.5851,
-98.3643

■ 217.2660, 9.7289,
-40.5753

■ 181.9840, 27.1229,
-113.1190

■ 224.4420, 6.1911,
-25.8206

■ 174.8080, 30.6607,
-127.8736

■ 231.6180, 2.6533,
-11.0660

■ 167.9310, 34.0510,
-142.0135

■ 238.7940, -0.8844,
3.6887

■ 166.1370, 34.9355,
-145.7021

■ 242.3820, -2.6533,
11.0660

Harmonies

Analogous

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



206.9370, -1.4479, -49.0567



203.2130, 16.6570, -69.4698



203.8030, 25.2401, -69.1102

Triad

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



203.2130, 16.6570, -69.4698



222.9590, 15.7962, 20.2070



218.5870, -30.3624, 31.9342

Complementary

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



203.2130, 16.6570, -69.4698



157.7870, -16.6570, 69.4698

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.



214.6550, -20.0429, 35.3826



203.2130, 16.6570, -69.4698



218.5600, 7.6119, 31.9579

Square

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



203.2130, 16.6570, -69.4698



217.1570, 18.6566, -10.6617



214.3250, -6.0762, 35.6720



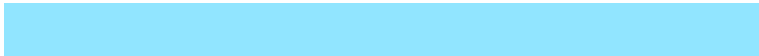
215.5900, -28.3919, 6.4986

Rectangle

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



203.2130, 16.6570, -69.4698



206.8480, 23.7389, -54.2407



214.3250, -6.0762, 35.6720



217.2820, -27.7470, 33.0787

Sweetspot

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



203.2130, 16.6570, -69.4698



244.2360, 5.3067, -22.1320



190.3310, -32.7012, -58.1723



121.4220, 3.2430, -13.5251



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.



203.2130, 16.6570, -69.4698



211.6450, 21.3740, -89.1427



169.7540, 33.1523, -40.1263



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



170.6690, 32.7012, 58.1723



169.8850, 41.9617, 74.6459



190.6590, -32.8629, 40.6411



110.5430, 3.1833, 5.6628



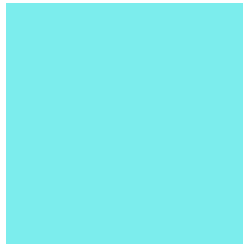
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 203.2130, 16.6570, -69.4698 looks on a white background.

Color Contrast Check

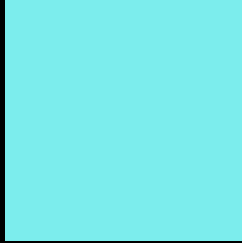
Large Text (above 18pt) WCAG AA × Fail

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 203.2130, 16.6570, -69.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

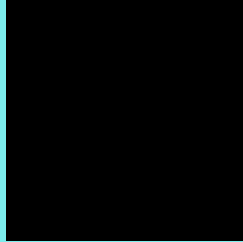
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.2130, 16.6570, -69.4698

Background



This preview shows how black text looks on a background with the YUV color 203.2130, 16.6570, -69.4698.



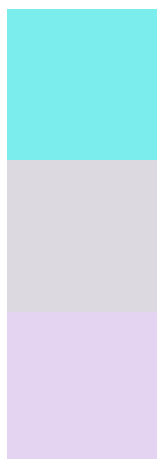
This preview shows how white text looks on a background with the YUV color 203.2130, 16.6570, -69.4698.

-69.4698.

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

203.2130, 16.6570, -69.4698

Protanopia

218.8090, 3.0522, 1.0445

Deuteranopia

220.2040, 10.7454, 6.8371



Tritanopia

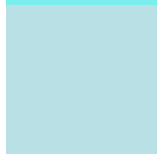
204.7710, 23.7769, -66.4512

Trichromacy



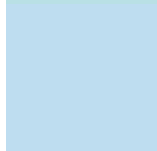
Original Color

203.2130, 16.6570, -69.4698



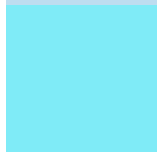
Protanomaly

212.9090, 7.9329, -24.4762



Deuteranomaly

213.8970, 12.8688, -20.9577



Tritanomaly

204.0760, 21.1615, -67.5957

Monochromacy



Original Color

203.2130, 16.6570, -69.4698



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

202.7410, 6.0437, -25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2130, 16.6570, -69.4698 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(124, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(124, 237, 237)  
}
```

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(124, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 237, 237) }
```

Border

The CSS property to change the border of an element to YUV 203.2130, 16.6570, -69.4698 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(124, 237, 237) }
```


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

```
.border{ border-color:rgb(124, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(124, 237,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 203.2130, 16.6570, -69.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 237, 237) }
```

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

```
.background{ background-color: rgb(124,  
237, 237) }
```

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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