

Converting Colors

YUV(206.7140, -6.7610,
-71.6632)

Have a look what the booklet for
YUV(206.7140, -6.7610, -71.6632)
contains.

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Color

**YUV(206.7140, -6.7610,
-71.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFBC1
RGB	125, 251, 193
RGB Percent	49%, 98%, 76%
CMY	0.5098, 0.0157, 0.2431
CMYK	0.50, 0.00, 0.23, 0.02
HSL	152°, 94%, 74%
HSV	152°, 50%, 98%
XYZ	52.5803, 77.2046, 62.5828
YIQ	206.7140, -56.4780, -44.7500

Conversions

Conversions Part 2

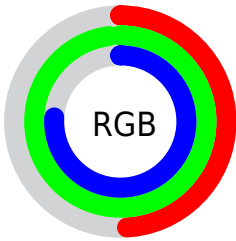
Format	Color
RYB	125, 207, 251
Decimal	8256449
CIELab	90.42, -48.23, 17.19
CIELCh	90, 51.205, 160.388
Yxy	77.2046, 0.2733, 0.4013
Android (android.graphics.Color)	4286446529 (0xFF7DFBC1)
YUV	206.7140, -6.7610, -71.6632
Hunter-Lab	87.8661, -46.9490, 19.2769

Details

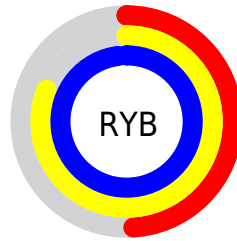
The YUV color **206.7140, -6.7610, -71.6632** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **169.2860, 6.7610, 71.6632**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2010, 8.2819, -43.1493**, and **148.5610, -4.7136, -75.0370** is the 20% darker color. If you saturate the color by 10%, you get **197.8710, -8.3174, -85.8329**, and if you desaturate by 10%, it is **215.5570, -5.2046, -57.4935**.

Distribution



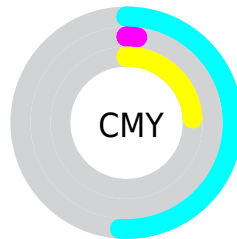
- Red (49%)
- Green (98%)
- Blue (76%)



- Red (49%)
- Yellow (81%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.7140, -6.7610, -71.6632 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 206.7140, -6.7610, -71.6632 by changing the saturation by 10% instead.


 206.7140, -6.7610,
-71.6632


 206.7140, -6.7610,
-71.6632

255.0000, 0.0000,
0.0000


 177.6430, -5.7400,
-72.4779


 233.2010, 8.2819,
-43.1493


 148.5610, -4.7136,
-75.0370


 242.7410, 6.0437,
-25.2059

 115.8200, -0.8973,
-85.7881

 251.7110, 1.6215,
-6.7625

 91.7390, -1.3503,
-80.4551

 73.7410, -4.3093,
-64.6709

 55.9710, -6.3947,
-49.0866

 39.4890, -8.6221,

-34.6319

■ 24.0670, -11.8650,
-21.1068

■ 1.7610, -0.8682,
-1.5444

■ 206.7140, -6.7610,
-71.6632

■ 206.7140, -6.7610,
-71.6632

■ 197.8710, -8.3174,
-85.8329

■ 215.5570, -5.2046,
-57.4935

■ 189.1420, -9.4370,
-100.1025

■ 224.2860, -4.0850,
-43.2238

■ 180.2990,
-10.9934, -114.2722

■ 233.1290, -2.5286,
-29.0541

■ 171.5700,
-12.1130, -128.5419

■ 241.8580, -1.4090,
-14.7845

■ 162.7270,
-13.6694, -142.7116

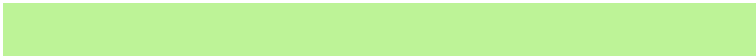
■ 251.0000, 0.0000,
0.0000

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



216.3660, -32.2254, -24.0000



206.7140, -6.7610, -71.6632



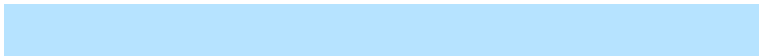
181.6980, 30.7149, -145.3171

Triad

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



206.7140, -6.7610, -71.6632



216.7370, 18.8637, -30.4643



210.8080, -22.0903, 38.7564

Complementary

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



206.7140, -6.7610, -71.6632



169.2860, 6.7610, 71.6632

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.



211.3560, 0.3175, 38.2758



206.7140, -6.7610, -71.6632



227.4110, 13.6014, 24.1956

Square

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



206.7140, -6.7610, -71.6632



196.2400, 28.9687, -98.4345



218.6060, 17.9422, 31.9175



216.6660, -40.2613, 33.6189

Rectangle

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



206.7140, -6.7610, -71.6632



176.9940, 38.4570, -155.2237



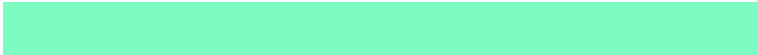
218.6060, 17.9422, 31.9175



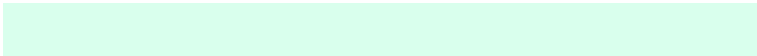
210.0560, -14.8176, 39.4159

Sweetspot

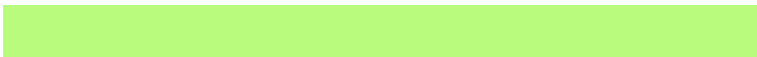
The Sweet Spot groups the original color and five complimentary colors.



206.7140, -6.7610, -71.6632



241.5860, -2.2609, -21.5619



216.6030, -45.1603, -28.5928



119.8690, -1.4144, -13.0401



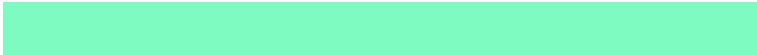
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



206.7140, -6.7610, -71.6632



201.2730, -8.0226, -87.0624



210.9780, 19.7308, -75.4027



120.4290, -0.7045, -7.3922



122.5710, -10.1415, -107.4948



39.5690, -3.2385, -34.7020

Inverse Universe

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



169.2860, 6.7610, 71.6632



155.7270, 8.0226, 87.0624



165.0220, -19.7308, 75.4027



116.5710, 0.7045, 7.3922



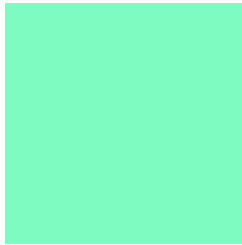
66.4290, 10.1415, 107.4948



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 206.7140, -6.7610, -71.6632 looks on a white background.

Color Contrast Check

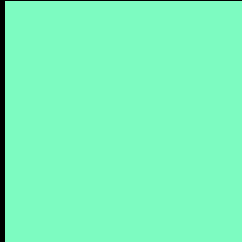
Large Text (above 18pt) WCAG AA × Fail

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 206.7140, -6.7610, -71.6632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

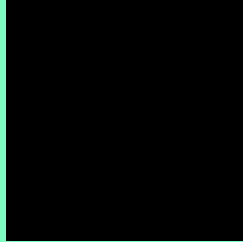
Any Text WCAG AA ✓ Pass

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 206.7140, -6.7610, -71.6632 Background



This preview shows how black text looks on a background with the YUV color 206.7140, -6.7610, -71.6632.



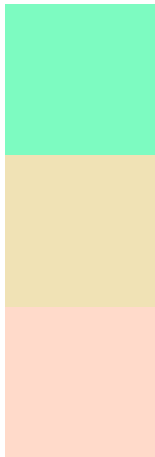
This preview shows how white text looks on a background with the YUV color 206.7140, -6.7610,

-71.6632.

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

206.7140, -6.7610, -71.6632

Protanopia

225.0560, -21.7196, 13.1059

Deuteranopia

227.2390, -12.4428, 24.3464



Tritanopia

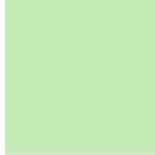
218.3990, 18.0443, -47.7079

Trichromacy



Original Color

206.7140, -6.7610, -71.6632



Protanomaly

218.2370, -16.3858, -17.7478



Deuteranomaly

219.8880, -10.2978, -10.4258



Tritanomaly

213.9390, 8.9041, -56.0745

Monochromacy



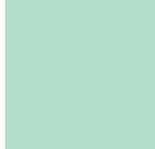
Original Color

206.7140, -6.7610, -71.6632



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.8520, -2.3920, -26.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.7140, -6.7610, -71.6632 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(125, 251, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 251, 193)  
}
```

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(125, 251, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 251, 193) }
```

Border

The CSS property to change the border of an element to YUV 206.7140, -6.7610, -71.6632 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(125, 251, 193) }
```


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

```
.border{ border-color:rgb(125, 251, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 251, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 251, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 251, 193);  
box-shadow:4px 4px 4px 4px rgb(125, 251,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 206.7140, -6.7610, -71.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 251, 193) }
```

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

```
.background{ background-color: rgb(125,  
251, 193) }
```

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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