

Converting Colors

YUV(210.4120, 4.7269,
-69.6443)

Have a look what the booklet for
YUV(210.4120, 4.7269, -69.6443)
contains.

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Color

**YUV(210.4120, 4.7269,
-69.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	83F9DC
RGB	131, 249, 220
RGB Percent	51%, 98%, 86%
CMY	0.4863, 0.0235, 0.1373
CMYK	0.47, 0.00, 0.12, 0.02
HSL	165°, 91%, 75%
HSV	165°, 47%, 98%
XYZ	56.1540, 77.7440, 79.7566
YIQ	210.4120, -61.0190, -34.0350

Conversions

Conversions Part 2

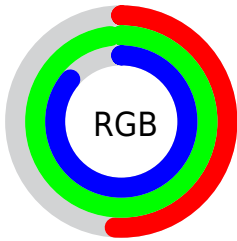
Format	Color
RYB	131, 198, 249
Decimal	8649180
CIELab	90.66, -40.20, 3.61
CIELCh	91, 40.366, 174.863
Yxy	77.7440, 0.2628, 0.3639
Android (android.graphics.Color)	4286839260 (0xFF83F9DC)
YUV	210.4120, 4.7269, -69.6443
Hunter-Lab	88.1725, -40.6215, 8.0899

Details

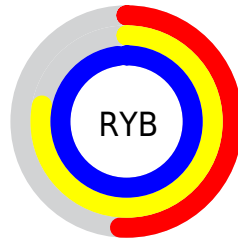
The YUV color **210.4120, 4.7269, -69.6443** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **169.5880, -4.7269, 69.6443**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **152.4440, 6.1901, -72.3034** is the 20% darker color. If you saturate the color by 10%, you get **202.2530, 5.7913, -84.4139**, and if you desaturate by 10%, it is **218.5710, 3.6625, -54.8748**.

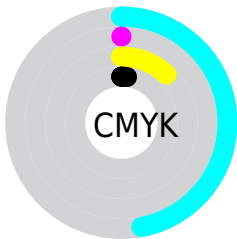
Distribution



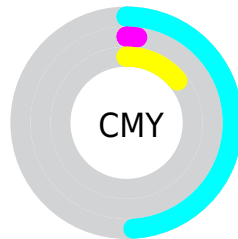
- Red (51%)
- Green (98%)
- Blue (86%)



- Red (51%)
- Yellow (78%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)




- Cyan (49%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 210.4120, 4.7269, -69.6443 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 210.4120, 4.7269, -69.6443 by changing the saturation by 10% instead.

 210.4120, 4.7269,
-69.6443


 210.4120, 4.7269,
-69.6443

255.0000, 0.0000,
0.0000


 181.2270, 5.3111,
-70.3591

 235.5650, 9.5815,
-39.9605

 152.4440, 6.1901,
-72.3034


 244.5350, 5.1592,
-21.5172

 121.6820, 8.5378,
-78.6511

 253.5050, 0.7370,
-3.0739

 93.8880, 9.4222,
-82.3398

 75.8900, 6.4632,
-66.5555

 58.0060, 3.9410,
-50.8713

 41.4100, 1.2769,

-36.3166

■ 26.6890, -1.8187,
-23.4063

■ 2.9350, -1.4470,
-2.5740

■ 210.4120, 4.7269,
-69.6443

■ 210.4120, 4.7269,
-69.6443

■ 202.2530, 5.7913,
-84.4139

■ 218.5710, 3.6625,
-54.8748

■ 194.0940, 6.8557,
-99.1834

■ 226.7300, 2.5981,
-40.1052

■ 185.9350, 7.9200,
-113.9530

■ 234.8890, 1.5337,
-25.3357

■ 177.7760, 8.9844,
-128.7226

■ 243.0480, 0.4693,
-10.5661

■ 169.5030, 9.6120,
-143.3921

■ 251.0220, -0.0108,
3.4887

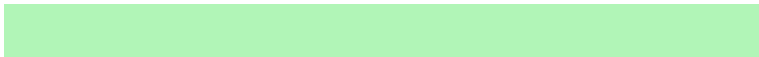
■ 167.5950, 10.0597,
-146.9808

■ 251.4780, 1.7363,
3.0888

Harmonies

Analogous

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



217.6000, -17.0578, -35.6062



210.4120, 4.7269, -69.6443



204.5350, 24.8792, -93.4312

Triad

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



210.4120, 4.7269, -69.6443



225.7730, 14.4089, -1.5549



218.4390, -25.8524, 32.0640

Complementary

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



210.4120, 4.7269, -69.6443



169.5880, -4.7269, 69.6443

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.



216.8040, -9.2704, 33.4979



210.4120, 4.7269, -69.6443



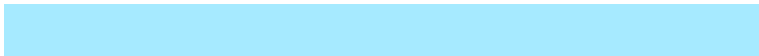
226.8240, 13.8908, 24.7104

Square

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



210.4120, 4.7269, -69.6443



216.0620, 19.1964, -43.9044



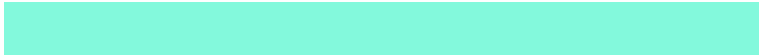
220.6630, 8.0541, 30.1135



224.9470, -36.4559, 26.3565

Rectangle

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



210.4120, 4.7269, -69.6443



203.6710, 25.3052, -90.0425



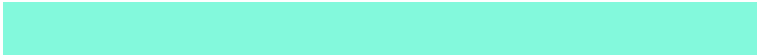
220.6630, 8.0541, 30.1135



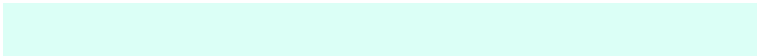
217.7040, -21.0531, 32.7086

Sweetspot

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



210.4120, 4.7269, -69.6443



243.2100, 1.3755, -21.2322



209.2360, -38.5703, -42.3030



120.7380, 0.6222, -12.9252



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.



210.4120, 4.7269, -69.6443



207.5410, 5.6493, -85.5435



196.1080, 26.0758, -57.0997



120.7710, 0.6059, -7.6922



127.1310, 7.3304, -111.4939



41.0510, 2.4399, -36.0017

Inverse Universe

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



169.5880, -4.7269, 69.6443



157.3450, -6.0861, 85.6434



183.8920, -26.0758, 57.0997



116.3430, -0.1691, 7.5922



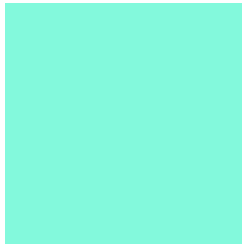
61.7550, -7.7672, 111.5939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 210.4120, 4.7269, -69.6443 looks on a white background.

Color Contrast Check

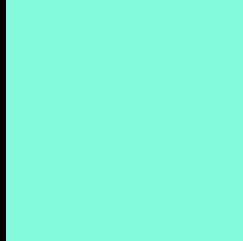
Large Text (above 18pt) WCAG AA × Fail

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 210.4120, 4.7269, -69.6443 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 210.4120, 4.7269, -69.6443 Background



This preview shows how black text looks on a background with the YUV color 210.4120, 4.7269, -69.6443.



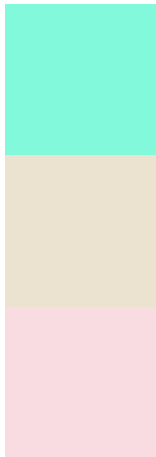
This preview shows how white text looks on a background with the YUV color 210.4120, 4.7269, -69.6443.

-69.6443.

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

210.4120, 4.7269, -69.6443

Protanopia

226.6390, -9.1890, 7.3326

Deuteranopia

229.3550, -1.6540, 17.2287



Tritanopia

219.2960, 17.6021, -45.8636

Trichromacy



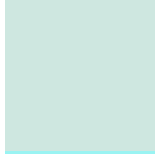
Original Color

210.4120, 4.7269, -69.6443



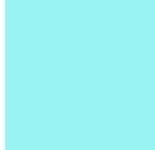
Protanomaly

220.4290, -4.1555, -20.5472



Deuteranomaly

222.7270, 0.6276, -14.6696



Tritanomaly

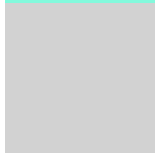
216.2750, 12.6824, -54.6152

Monochromacy



Original Color

210.4120, 4.7269, -69.6443



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.0030, 1.9705, -25.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.4120, 4.7269, -69.6443 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(131, 249, 220)` looks like.

```
.text, #text, p{  
    color:rgb(131, 249, 220)  
}
```

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(131, 249, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 249, 220) }
```

Border

The CSS property to change the border of an element to YUV 210.4120, 4.7269, -69.6443 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(131, 249, 220) }
```


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

```
.border{ border-color:rgb(131, 249, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 249, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 249, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 249, 220);  
box-shadow:4px 4px 4px 4px rgb(131, 249,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 210.4120, 4.7269, -69.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 249, 220) }
```

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

```
.background{ background-color: rgb(131,  
249, 220) }
```

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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