

Converting Colors

YUV(212.8750, -10.7844,
-41.1094)

Have a look what the booklet for
YUV(212.8750, -10.7844, -41.1094)
contains.

YUV(212.8750, -10.7844, -41.1094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(212.8750, -10.7844,
-41.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F1BF
RGB	166, 241, 191
RGB Percent	65%, 95%, 75%
CMY	0.3490, 0.0549, 0.2510
CMYK	0.31, 0.00, 0.21, 0.05
HSL	140°, 73%, 80%
HSV	140°, 31%, 95%
XYZ	56.5852, 74.7792, 60.7417
YIQ	212.8750, -28.6500, -31.4500

Conversions

Conversions Part 2

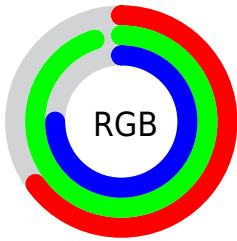
Format	Color
R_{YB}	166, 222, 241
Decimal	10940863
CIE _{Lab}	89.29, -33.21, 16.89
CIE _{LCh}	89, 37.261, 153.042
Yxy	74.7792, 0.2946, 0.3893
Android (android.graphics.Color)	4289130943 (0xFFA6F1BF)
YUV	212.8750, -10.7844, -41.1094
Hunter-Lab	86.4750, -34.5291, 18.8860

Details

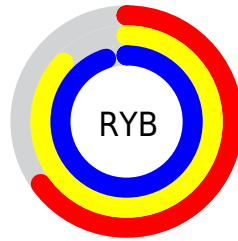
The YUV color **212.8750, -10.7844, -41.1094** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **194.1250, 10.7844, 41.1094**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5200, 1.2226, -18.8730**, and **157.7010, -10.2056, -40.0798** is the 20% darker color. If you saturate the color by 10%, you get **203.8750, -14.2354, -54.2644**, and if you desaturate by 10%, it is **221.8750, -7.3334, -27.9544**.

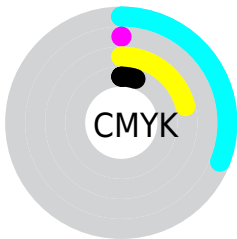
Distribution



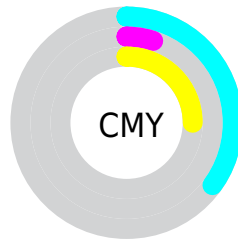
- Red (65%)
- Green (95%)
- Blue (75%)



- Red (65%)
- Yellow (87%)
- Blue (95%)



- Cyan (31%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (35%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.8750, -10.7844, -41.1094 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 212.8750, -10.7844, -41.1094 by changing the saturation by 10% instead.

■ 212.8750,
-10.7844, -41.1094

■ 212.8750,
-10.7844, -41.1094

255.0000, 0.0000,
0.0000

■ 184.7010,
-10.2056, -40.0798

■ 244.5200, 1.2226,
-18.8730

■ 157.7010,
-10.2056, -40.0798

■ 254.1030, 0.4422,
-1.8443

■ 130.3420, -9.0426,
-39.7649


■ 104.4560, -8.6058,
-39.8649


■ 78.2000, -7.0006,
-41.3944


■ 52.2210, -5.5320,
-45.7978


■ 35.7390, -7.7593,


-31.3431

 21.1320, -10.4181,
-18.5328

 0.0000, 0.0000,
0.0000

 212.8750,
-10.7844, -41.1094

 212.8750,
-10.7844, -41.1094

 203.8750,
-14.2354, -54.2644

 221.8750, -7.3334,
-27.9544

 194.8750,
-17.6864, -67.4194

 230.8750, -3.8824,
-14.7994

 185.8750,
-21.1374, -80.5744

 239.8750, -0.4314,
-1.6444

 176.8750,
-24.5884, -93.7294

 246.7820, 4.0515,
7.2072

■ 167.8750,
-28.0394, -106.8844

■ 158.5760,
-31.3430, -120.6542

■ 150.5870,
-34.7994, -132.0648

Harmonies

Analogous

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



218.2460, -26.7433, -8.9857



212.8750, -10.7844, -41.1094



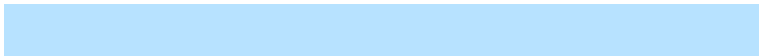
207.0790, 9.8211, -70.2293

Triad

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



212.8750, -10.7844, -41.1094



216.4490, 19.0056, -29.3348



215.5500, -14.0751, 34.5977

Complementary

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



212.8750, -10.7844, -41.1094



194.1250, 10.7844, 41.1094

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.



217.7790, 2.0810, 32.6428



212.8750, -10.7844, -41.1094



224.6540, 14.9606, 8.1964

Square

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



212.8750, -10.7844, -41.1094



207.9560, 23.1927, -65.7364



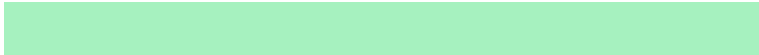
224.4760, 15.0483, 26.7695



218.5700, -27.8890, 31.9491

Rectangle

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



212.8750, -10.7844, -41.1094



205.0310, 22.6627, -82.4652



224.4760, 15.0483, 26.7695



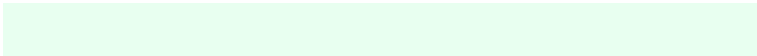
215.6300, -8.6916, 34.5275

Sweetspot

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



212.8750, -10.7844, -41.1094



246.4130, -3.1616, -12.6402



224.9750, -29.0747, -7.8711



122.3750, -2.1569, -8.2219



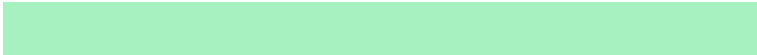
0.0000, 0.0000, 0.0000



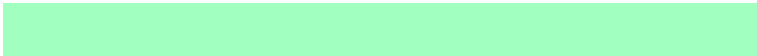
128.0000, 0.0000, 0.0000

Same Dimension

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



212.8750, -10.7844, -41.1094



219.7120, -13.6620, -51.4904



217.0930, 5.3772, -44.8086



115.5000, -1.7255, -6.5775



114.9620, -26.6033, -100.8217



35.0380, -7.9067, -30.7283

Inverse Universe

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



194.1250, 10.7844, 41.1094



196.2880, 13.6620, 51.4904



189.9070, -5.3772, 44.8086



112.5000, 1.7255, 6.5775



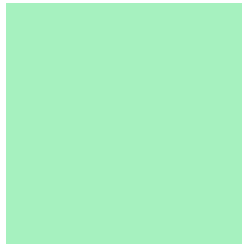
68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 212.8750, -10.7844, -41.1094 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 212.8750, -10.7844, -41.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

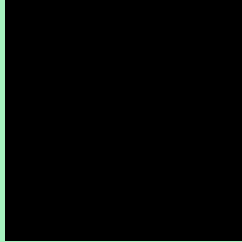
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

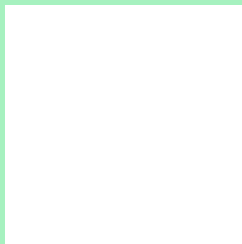
Any Text WCAG AAA ✓ Pass

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

YUV 212.8750, -10.7844, -41.1094 Background



This preview shows how black text looks on a background with the YUV color 212.8750, -10.7844, -41.1094.



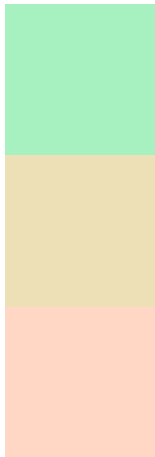
This preview shows how white text looks on a background with the YUV color 212.8750, -10.7844, -41.1094.

-41.1094.

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

212.8750, -10.7844, -41.1094

Protanopia

222.5120, -19.9724, 12.7060

Deuteranopia

224.7940, -14.1954, 26.4907



Tritanopia

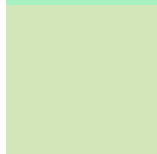
218.6070, 15.9697, -35.6123

Trichromacy



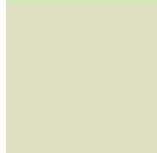
Original Color

212.8750, -10.7844, -41.1094



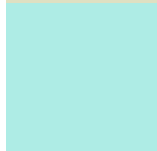
Protanomaly

219.1890, -16.8552, -7.1818



Deuteranomaly

220.2810, -12.9565, 2.3846



Tritanomaly

216.6640, 6.0816, -37.4163

Monochromacy



Original Color

212.8750, -10.7844, -41.1094



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.8750, -3.8824, -14.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.8750, -10.7844, -41.1094 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(166, 241, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 241, 191)  
}
```

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(166, 241, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 241, 191) }
```

Border

The CSS property to change the border of an element to YUV 212.8750, -10.7844, -41.1094 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(166, 241, 191) }
```


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

```
.border{ border-color:rgb(166, 241, 191) }
```

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

Here you see how a box with a 4 pixel rgb(166, 241, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 241, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 241, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 241,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 212.8750, -10.7844, -41.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 241, 191) }
```

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

```
.background{ background-color: rgb(166,  
241, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor