

Converting Colors

YUV(210.4510, 9.1447,
-39.8605)

Have a look what the booklet for
YUV(210.4510, 9.1447, -39.8605)
contains.

YUV(210.4510, 9.1447, -39.8605)	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(210.4510, 9.1447,
-39.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E6E5
RGB	165, 230, 229
RGB Percent	65%, 90%, 90%
CMY	0.3529, 0.0980, 0.1020
CMYK	0.28, 0.00, 0.00, 0.10
HSL	179°, 57%, 77%
HSV	179°, 28%, 90%
XYZ	57.9567, 70.2501, 84.6337
YIQ	210.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

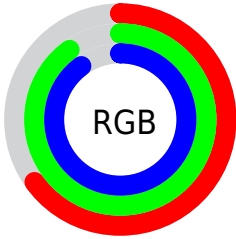
Format	Color
RYB	165, 198, 230
Decimal	10872549
CIELab	87.12, -20.49, -6.10
CIELCh	87, 21.376, 196.575
Yxy	70.2501, 0.2723, 0.3301
Android (android.graphics.Color)	4289062629 (0xFFA5E6E5)
YUV	210.4510, 9.1447, -39.8605
Hunter-Lab	83.8153, -23.2475, -1.1982

Details

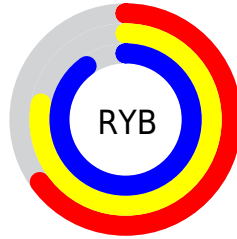
The YUV color **210.4510, 9.1447, -39.8605** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184.5490, -9.1447, 39.8605**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **155.1630, 9.2866, -38.7310** is the 20% darker color. If you saturate the color by 10%, you get **203.5740, 12.5350, -54.0004**, and if you desaturate by 10%, it is **217.3280, 5.7543, -25.7207**.

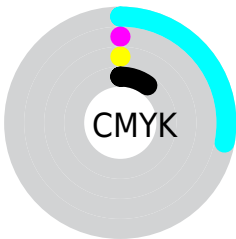
Distribution



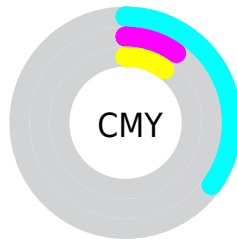
- Red (65%)
- Green (90%)
- Blue (90%)



- Red (65%)
- Yellow (78%)
- Blue (90%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.4510, 9.1447, -39.8605 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 210.4510, 9.1447, -39.8605 by changing the saturation by 10% instead.

■ 210.4510, 9.1447,
-39.8605

■ 210.4510, 9.1447,
-39.8605

255.0000, 0.0000,
0.0000

■ 182.7500, 8.9972,
-39.2458

■ 245.1330, 4.8644,
-20.2876

■ 155.1630, 9.2866,
-38.7310

■ 253.8040, 0.5896,
-2.4591

■ 128.7500, 8.9972,
-39.2458

■ 102.7500, 8.9973,
-39.2457

■ 76.6680, 10.0237,
-41.8048

■ 51.1730, 10.7607,
-44.8787

■ 35.0500, 7.3704,

-30.7388

■ 20.9160, 3.9854,
-18.3433

■ 0.3420, 1.3104,
-0.2999

■ 210.4510, 9.1447,
-39.8605

■ 210.4510, 9.1447,
-39.8605

■ 203.5740, 12.5350,
-54.0004

■ 217.3280, 5.7543,
-25.7207

■ 196.5830, 15.4886,
-68.0403

■ 224.3190, 2.8007,
-11.6808

■ 189.7060, 18.8789,
-82.1802

■ 231.1960, -0.5896,
2.4591

■ 182.8290, 22.2693,
-96.3200

■ 237.4750, -3.6852,
15.3694

■ 175.8380, 25.2229,
-110.3599

■ 237.5890, -3.2484,
15.2694

■ 168.9610, 28.6132,
-124.4998

■ 237.7030, -2.8116,
15.1695

■ 162.0840, 32.0036,
-138.6397

■ 160.7740, 32.1564,
-140.9988

Harmonies

Analogous

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



211.3570, -1.6550, -29.2541



210.4510, 9.1447, -39.8605



211.9270, 17.2910, -39.4010

Triad

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



210.4510, 9.1447, -39.8605



220.9920, 12.3289, 12.2850



218.6810, -19.5627, 21.3278

Complementary

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



210.4510, 9.1447, -39.8605



184.5490, -9.1447, 39.8605

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.



220.0010, -14.7905, 30.6941



210.4510, 9.1447, -39.8605



222.2730, 2.8234, 27.8246

Square

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



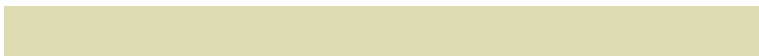
210.4510, 9.1447, -39.8605



218.6520, 17.9196, -7.5878



219.7050, -5.7706, 30.9537



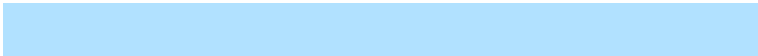
215.9240, -18.2035, 5.3287

Rectangle

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



210.4510, 9.1447, -39.8605



214.0680, 20.1795, -32.5086



219.7050, -5.7706, 30.9537



219.3440, -18.4106, 25.1313

Sweetspot

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



210.4510, 9.1447, -39.8605



249.0200, 2.9481, -12.2955



203.4540, -18.9578, -32.8472



123.9990, 1.4795, -7.8921



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.



210.4510, 9.1447, -39.8605



228.8730, 12.3876, -53.3856



192.3680, 18.5526, -24.0017



111.4120, 1.7689, -7.3773



125.1370, 25.0755, -109.7451



35.6370, 7.0810, -31.2536

Inverse Universe

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



184.5490, -9.1447, 39.8605



194.2410, -11.9508, 53.2856



202.6320, -18.5526, 24.0017



106.5880, -1.7689, 7.3773



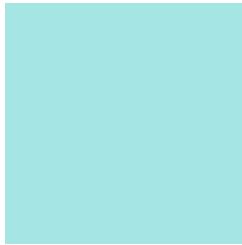
53.8630, -25.0755, 109.7451



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 210.4510, 9.1447, -39.8605 looks on a white background.

Color Contrast Check

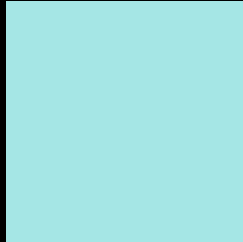
Large Text (above 18pt) WCAG AA × Fail

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 210.4510, 9.1447, -39.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

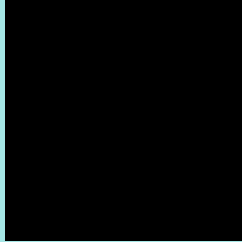
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.4510, 9.1447, -39.8605

Background



This preview shows how black text looks on a background with the YUV color 210.4510, 9.1447, -39.8605.



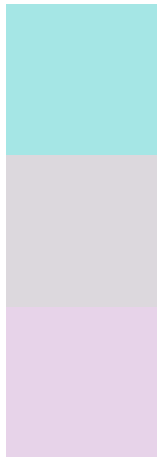
This preview shows how white text looks on a background with the YUV color 210.4510, 9.1447,

-39.8605.

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

210.4510, 9.1447, -39.8605

Protanopia

217.7660, 1.5944, 1.9592

Deuteranopia

219.4880, 6.6614, 10.0960



Tritanopia

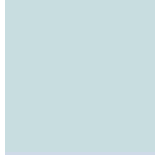
211.8240, 16.8488, -37.5566

Trichromacy



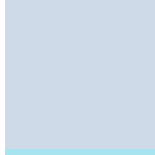
Original Color

210.4510, 9.1447, -39.8605



Protanomaly

215.0630, 4.4059, -13.2103



Deuteranomaly

216.3070, 7.7366, -8.1622



Tritanomaly

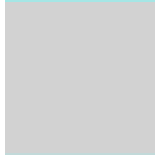
211.4280, 14.0860, -38.0864

Monochromacy



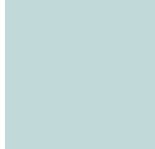
Original Color

210.4510, 9.1447, -39.8605



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.4510, 9.1447, -39.8605 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(165, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(165, 230, 229)  
}
```

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(165, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 230, 229) }
```

Border

The CSS property to change the border of an element to YUV 210.4510, 9.1447, -39.8605 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(165, 230, 229) }
```


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

```
.border{ border-color:rgb(165, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(165, 230,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 210.4510, 9.1447, -39.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 230, 229) }
```

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

```
.background{ background-color: rgb(165,  
230, 229) }
```

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