

Converting Colors

YUV(213.8530, 9.4395,
-41.0901)

Have a look what the booklet for
YUV(213.8530, 9.4395, -41.0901)
contains.

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Color

**YUV(213.8530, 9.4395,
-41.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	A7EAE9
RGB	167, 234, 233
RGB Percent	65%, 92%, 91%
CMY	0.3451, 0.0824, 0.0863
CMYK	0.29, 0.00, 0.00, 0.08
HSL	179°, 61%, 79%
HSV	179°, 29%, 92%
XYZ	60.0671, 72.9443, 88.0046
YIQ	213.8530, -39.6110, -14.5150

Conversions

Conversions Part 2

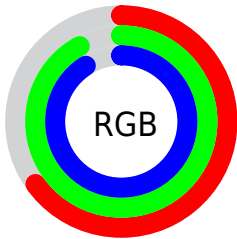
Format	Color
RYB	167, 201, 234
Decimal	11004649
CIELab	88.42, -21.01, -6.26
CIELCh	88, 21.927, 196.597
Yxy	72.9443, 0.2718, 0.3300
Android (android.graphics.Color)	4289194729 (0xFFA7EAE9)
YUV	213.8530, 9.4395, -41.0901
Hunter-Lab	85.4074, -23.9238, -1.3077

Details

The YUV color **213.8530, 9.4395, -41.0901** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **187.1470, -9.4395, 41.0901**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **158.1520, 9.2921, -40.4753** is the 20% darker color. If you saturate the color by 10%, you get **206.9760, 12.8298, -55.2300**, and if you desaturate by 10%, it is **220.7300, 6.0491, -26.9502**.

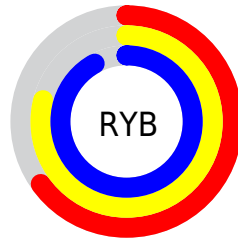
Distribution



Red (65%)

Green (92%)

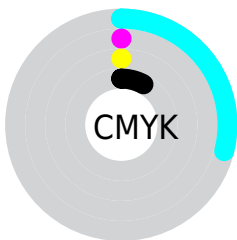
Blue (91%)



Red (65%)

Yellow (79%)

Blue (92%)

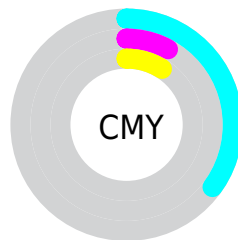


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8530, 9.4395, -41.0901 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 213.8530, 9.4395, -41.0901 by changing the saturation by 10% instead.

213.8530, 9.4395,
-41.0901

213.8530, 9.4395,
-41.0901

255.0000, 0.0000,
0.0000

185.8530, 9.4395,
-41.0901

245.7310, 4.5696,
-19.0581

158.1520, 9.2921,
-40.4753

254.4020, 0.2948,
-1.2296

131.5650, 9.5815,
-39.9605

105.2660, 9.7289,
-40.5753

79.0700, 10.3185,
-43.0344

53.2760, 11.2029,
-46.7231

37.1530, 7.8126,

-32.5832

■ 22.4320, 4.7170,
-19.6729

■ 1.0260, 3.9312,
-0.8998

■ 213.8530, 9.4395,
-41.0901

■ 213.8530, 9.4395,
-41.0901

■ 206.9760, 12.8298,
-55.2300

■ 220.7300, 6.0491,
-26.9502

■ 199.6860, 15.9308,
-69.8846

■ 228.0200, 2.9481,
-12.2955

■ 192.8090, 19.3212,
-84.0245

■ 234.8970, -0.4422,
1.8443

■ 185.6330, 22.8589,
-98.7791

■ 240.2790, -3.0955,
12.9103

■ 178.6420, 25.8125,
-112.8190

■ 240.3930, -2.6587,
12.8103

■ 171.7650, 29.2029,
-126.9589

■ 240.5070, -2.2220,
12.7104

■ 164.5890, 32.7406,
-141.7136

■ 163.6920, 33.1828,
-143.5579

Harmonies

Analogous

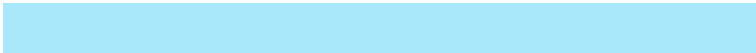
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.7590, -1.3602, -30.4836



213.8530, 9.4395, -41.0901



215.3290, 17.5858, -40.6305

Triad

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



213.8530, 9.4395, -41.0901



225.4050, 12.6183, 12.7998



221.9800, -19.7101, 21.9425

Complementary

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



213.8530, 9.4395, -41.0901



187.1470, -9.4395, 41.0901

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.



221.9900, -14.7851, 28.9498



213.8530, 9.4395, -41.0901



224.7890, 3.5550, 26.4950

Square

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



213.8530, 9.4395, -41.0901



222.1960, 16.1724, -7.1879



222.3950, -5.6177, 28.5946



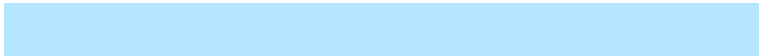
219.8100, -18.6403, 5.4286

Rectangle

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



213.8530, 9.4395, -41.0901



217.0140, 18.7271, -33.3383



222.3950, -5.6177, 28.5946



222.8280, -19.1422, 26.4608

Sweetspot

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



213.8530, 9.4395, -41.0901



248.1230, 3.3904, -14.1399



206.6280, -19.5366, -33.8768



123.4010, 1.7743, -9.1217



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.



213.8530, 9.4395, -41.0901



228.8730, 12.3876, -53.3856



195.1830, 19.1368, -24.7165



113.7110, 1.6215, -6.7625



126.5390, 25.3703, -110.9747



37.7400, 7.5232, -33.0980

Inverse Universe

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



187.1470, -9.4395, 41.0901



194.2410, -11.9508, 53.2856



205.8170, -19.1368, 24.7165



109.2890, -1.6215, 6.7625



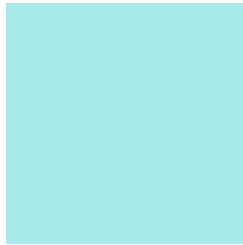
54.4610, -25.3703, 110.9747



16.2600, -7.5232, 33.0980

Previews

White Background



This preview shows how the YUV color 213.8530, 9.4395, -41.0901 looks on a white background.

Color Contrast Check

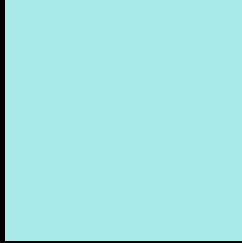
Large Text (above 18pt) WCAG AA × Fail

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 213.8530, 9.4395, -41.0901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

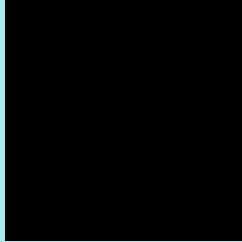
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.8530, 9.4395, -41.0901

Background



This preview shows how black text looks on a background with the YUV color 213.8530, 9.4395, -41.0901.



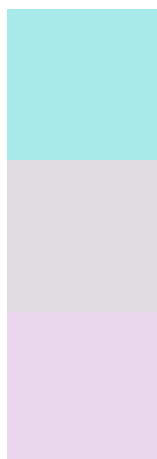
This preview shows how white text looks on a background with the YUV color 213.8530, 9.4395, -41.0901.

-41.0901.

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

213.8530, 9.4395, -41.0901

Protanopia

221.7660, 1.5944, 1.9592

Deuteranopia

223.4880, 6.6614, 10.0960



Tritanopia

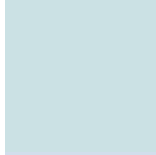
215.2260, 17.1436, -38.7862

Trichromacy



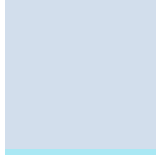
Original Color

213.8530, 9.4395, -41.0901



Protanomaly

218.7640, 4.5533, -13.8250



Deuteranomaly

220.0080, 7.8841, -8.7770



Tritanomaly

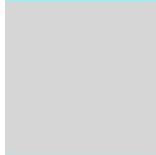
214.8300, 14.3808, -39.3159

Monochromacy



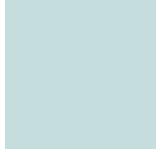
Original Color

213.8530, 9.4395, -41.0901



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.8240, 3.5378, -14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8530, 9.4395, -41.0901 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(167, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(167, 234, 233)  
}
```

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(167, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 234, 233) }
```

Border

The CSS property to change the border of an element to YUV 213.8530, 9.4395, -41.0901 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(167, 234, 233) }
```


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

```
.border{ border-color:rgb(167, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(167, 234,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 213.8530, 9.4395, -41.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 234, 233) }
```

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

```
.background{ background-color: rgb(167,  
234, 233) }
```

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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