

Converting Colors

YUV(214.9300, 5.9505,
-42.0346)

Have a look what the booklet for
YUV(214.9300, 5.9505, -42.0346)
contains.

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Color

**YUV(214.9300, 5.9505,
-42.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	A7EDE3
RGB	167, 237, 227
RGB Percent	65%, 93%, 89%
CMY	0.3451, 0.0706, 0.1098
CMYK	0.30, 0.00, 0.04, 0.07
HSL	171°, 66%, 79%
HSV	171°, 30%, 93%
XYZ	60.0857, 74.3299, 83.8533
YIQ	214.9300, -38.5100, -17.9500

Conversions

Conversions Part 2

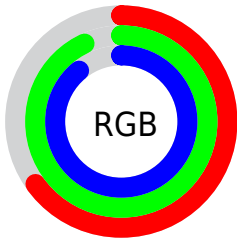
Format	Color
RYB	167, 205, 237
Decimal	11005411
CIELab	89.08, -23.80, -2.15
CIELCh	89, 23.898, 185.170
Yxy	74.3299, 0.2753, 0.3405
Android (android.graphics.Color)	4289195491 (0xFFA7EDE3)
YUV	214.9300, 5.9505, -42.0346
Hunter-Lab	86.2148, -26.4739, 2.6844

Details

The YUV color **214.9300, 5.9505, -42.0346** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.0700, -5.9505, 42.0346**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **159.3430, 6.2399, -41.5198** is the 20% darker color. If you saturate the color by 10%, you get **207.4120, 8.1779, -56.4893**, and if you desaturate by 10%, it is **222.4480, 3.7231, -27.5799**.

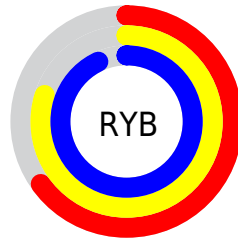
Distribution



Red (65%)

Green (93%)

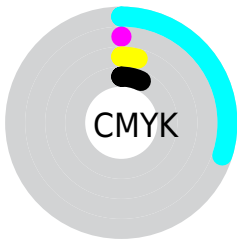
Blue (89%)



Red (65%)

Yellow (80%)

Blue (93%)

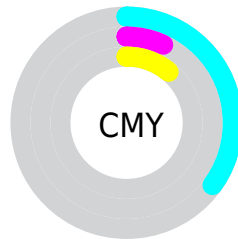


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (7%)



Cyan (35%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.9300, 5.9505, -42.0346 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 214.9300, 5.9505, -42.0346 by changing the saturation by 10% instead.

214.9300, 5.9505,
-42.0346

214.9300, 5.9505,
-42.0346

255.0000, 0.0000,
0.0000

186.9300, 5.9505,
-42.0346

245.7310, 4.5696,
-19.0581

159.3430, 6.2399,
-41.5198

254.4020, 0.2948,
-1.2296

132.6420, 6.0925,
-40.9050

106.4570, 6.6767,
-41.6198

79.9730, 7.4083,
-42.9493

53.8800, 8.4402,
-47.2528

37.8710, 5.4866,

-33.2129

■ 23.1500, 2.3911,
-20.3026

■ 0.1140, 0.4368,
-0.1000

■ 214.9300, 5.9505,
-42.0346

■ 214.9300, 5.9505,
-42.0346

■ 207.4120, 8.1779,
-56.4893

■ 222.4480, 3.7231,
-27.5799

■ 200.0790, 9.8211,
-70.2293

■ 229.7810, 2.0800,
-13.8399

■ 192.5610, 12.0484,
-84.6840

■ 237.2990, -0.1474,
0.6148

■ 184.9290, 13.8390,
-99.0387

■ 242.8380, -0.9061,
10.6661

■ 177.7100, 15.9190,
-112.8787

■ 243.1800, 0.4043,
10.3661

■ 170.1920, 18.1463,
-127.3334

■ 243.5220, 1.7147,
10.0662

■ 162.5600, 19.9369,
-141.6881

■ 243.9780, 3.4618,
9.6663

■ 162.2610, 20.0843,
-142.3029

■ 244.3200, 4.7722,
9.3664

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



216.8150, -6.3178, -27.0248



214.9300, 5.9505, -42.0346



215.3560, 16.5865, -46.7932

Triad

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



214.9300, 5.9505, -42.0346



226.1160, 14.2398, 6.0373



223.8990, -20.1632, 27.2756

Complementary

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



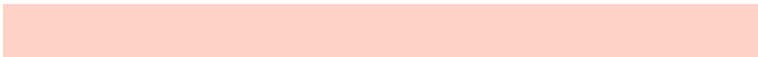
214.9300, 5.9505, -42.0346



189.0700, -5.9505, 42.0346

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.



222.2010, -11.4381, 28.7647



214.9300, 5.9505, -42.0346



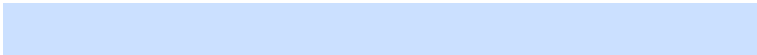
227.2170, 7.7810, 24.3657

Square

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



214.9300, 5.9505, -42.0346



221.2550, 16.6363, -16.0096



223.5350, -1.2498, 27.5948



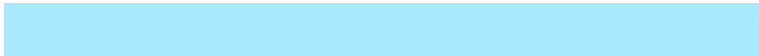
222.0560, -21.7196, 13.1059

Rectangle

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



214.9300, 5.9505, -42.0346



216.3720, 19.0436, -41.5452



223.5350, -1.2498, 27.5948



223.1810, -17.8372, 27.9053

Sweetspot

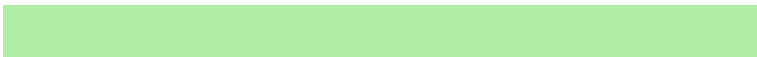
The Sweet Spot groups the original color and five complimentary colors.



214.9300, 5.9505, -42.0346



247.7810, 2.0800, -13.8399



211.0800, -21.7314, -29.8882



123.1730, 0.9007, -8.9217



0.0000, 0.0000, 0.0000



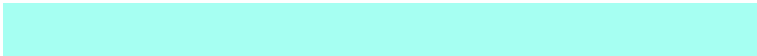
128.0000, 0.0000, 0.0000

Same Dimension

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



214.9300, 5.9505, -42.0346



226.9070, 7.4408, -53.4154



201.3950, 17.5533, -30.1644



113.5970, 1.1847, -6.6626



123.9170, 15.3239, -108.6752



36.9420, 4.4656, -32.3981

Inverse Universe

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



189.0700, -5.9505, 42.0346



193.9790, -7.8776, 53.5154



202.6050, -17.5533, 30.1644



109.4030, -1.1847, 6.6626



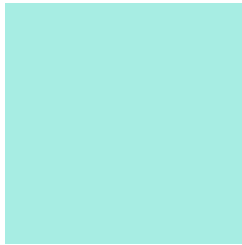
57.0830, -15.3239, 108.6752



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 214.9300, 5.9505, -42.0346 looks on a white background.

Color Contrast Check

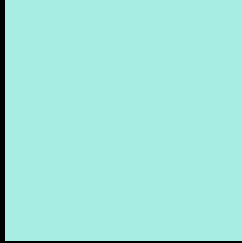
Large Text (above 18pt) WCAG AA × Fail

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 214.9300, 5.9505, -42.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

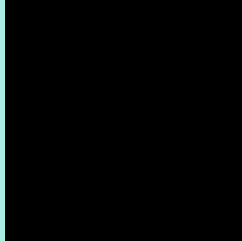
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

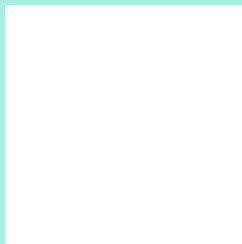
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.9300, 5.9505, -42.0346

Background



This preview shows how black text looks on a background with the YUV color 214.9300, 5.9505, -42.0346.



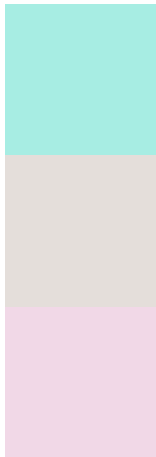
This preview shows how white text looks on a background with the YUV color 214.9300, 5.9505, -42.0346.

-42.0346.

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

214.9300, 5.9505, -42.0346

Protanopia

223.3380, -2.6316, 4.0886

Deuteranopia

225.1850, 2.8668, 13.8698



Tritanopia

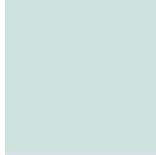
217.2260, 17.1436, -38.7862

Trichromacy



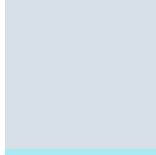
Original Color

214.9300, 5.9505, -42.0346



Protanomaly

220.0370, 0.4748, -12.3104



Deuteranomaly

221.6940, 4.0949, -6.7476



Tritanomaly

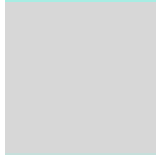
216.1890, 13.2178, -39.6308

Monochromacy



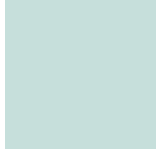
Original Color

214.9300, 5.9505, -42.0346



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.9300, 5.9505, -42.0346 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, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 227)  
}
```

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, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 227) }
```

Border

The CSS property to change the border of an element to YUV 214.9300, 5.9505, -42.0346 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, 237, 227) }
```


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

```
.border{ border-color:rgb(167, 237, 227) }
```

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

Here you see how a box with a 4 pixel rgb(167, 237, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(167, 237,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 214.9300, 5.9505, -42.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 237, 227) }
```

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

```
.background{ background-color: rgb(167,  
237, 227) }
```

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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