

Converting Colors

YUV(214.5800, 13.5181,
-42.6047)

Have a look what the booklet for
YUV(214.5800, 13.5181, -42.6047)
contains.

YUV(214.5800, 13.5181, -42.6047)	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(214.5800, 13.5181,
-42.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EAF2
RGB	166, 234, 242
RGB Percent	65%, 92%, 95%
CMY	0.3490, 0.0824, 0.0510
CMYK	0.31, 0.03, 0.00, 0.05
HSL	186°, 75%, 80%
HSV	186°, 31%, 95%
XYZ	61.1757, 73.3634, 94.9407
YIQ	214.5800, -43.0960, -11.9280

Conversions

Conversions Part 2

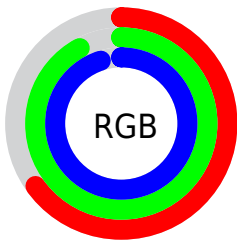
Format	Color
R _{YB}	166, 202, 242
Decimal	10939122
CIE Lab	88.62, -19.25, -10.69
CIE LCh	89, 22.019, 209.045
Yxy	73.3634, 0.2666, 0.3197
Android (android.graphics.Color)	4289129202 (0xFFA6EAF2)
YUV	214.5800, 13.5181, -42.6047
Hunter-Lab	85.6525, -22.4014, -5.7627

Details

The YUV color **214.5800, 13.5181, -42.6047** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **193.4200, -13.5181, 42.6047**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **158.8790, 13.3707, -41.9899** is the 20% darker color. If you saturate the color by 10%, you get **205.6430, 17.9240, -55.8149**, and if you desaturate by 10%, it is **223.5170, 9.1121, -29.3944**.

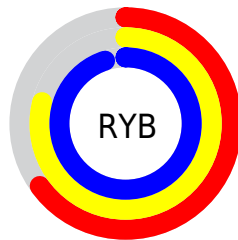
Distribution



Red (65%)

Green (92%)

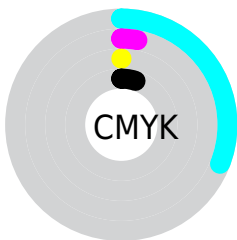
Blue (95%)



Red (65%)

Yellow (79%)

Blue (95%)

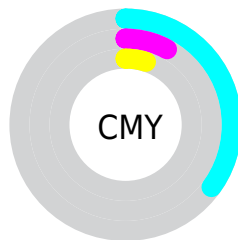


Cyan (31%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5800, 13.5181, -42.6047 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 214.5800, 13.5181, -42.6047 by changing the saturation by 10% instead.

■ 214.5800, 13.5181,
-42.6047

■ 214.5800, 13.5181,
-42.6047

255.0000, 0.0000,
0.0000

■ 186.5800, 13.5181,
-42.6047

■ 245.4320, 4.7170,
-19.6729

■ 158.8790, 13.3707,
-41.9899

■ 254.1030, 0.4422,
-1.8443

■ 131.8790, 13.3707,
-41.9899

■ 105.5800, 13.5181,
-42.6047

■ 78.7860, 14.4025,
-46.2933

■ 54.0740, 14.2605,
-47.4229

■ 37.9510, 10.8702,

-33.2830

■ 23.2300, 7.7746,
-20.3727

■ 2.6390, 7.5730,
-2.3144

■ 214.5800, 13.5181,
-42.6047

■ 214.5800, 13.5181,
-42.6047

■ 205.6430, 17.9240,
-55.8149

■ 223.5170, 9.1121,
-29.3944

■ 197.2930, 22.0406,
-69.5400

■ 231.8670, 4.9956,
-15.6694

■ 188.0570, 26.5939,
-83.3650

■ 241.1030, 0.4422,
-1.8443

■ 179.7070, 30.7104,
-97.0900

■ 247.0610, -2.4951,
6.9625

■ 170.7700, 35.1164,
-110.3003

■ 248.8220, -3.3632,
5.4181

■ 162.4200, 39.2329,
-124.0253

■ 249.9960, -3.9420,
4.3885

■ 154.9670, 42.9073,
-135.9061

■ 251.7570, -4.8102,
2.8441

■ 252.9310, -5.3890,
1.8145

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

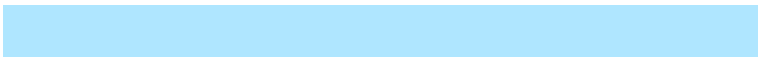
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.1650, 2.8767, -36.1017



214.5800, 13.5181, -42.6047



216.4050, 19.0273, -36.3122

Triad

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



214.5800, 13.5181, -42.6047



226.1240, 8.8129, 20.0623



222.1210, -20.2727, 15.6799

Complementary

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



214.5800, 13.5181, -42.6047



193.4200, -13.5181, 42.6047

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.



223.1810, -17.8372, 27.9053



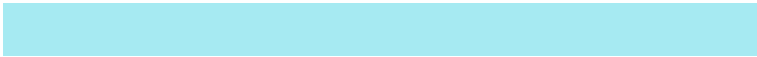
214.5800, 13.5181, -42.6047



223.8770, 0.0606, 27.2949

Square

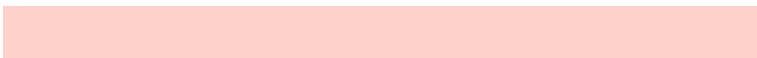
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.5800, 13.5181, -42.6047



223.7240, 15.4191, 1.1191



222.0700, -9.4015, 28.8796



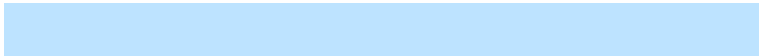
219.3360, -16.4346, -2.0487

Rectangle

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



214.5800, 13.5181, -42.6047



218.8300, 17.8318, -26.1609



222.0700, -9.4015, 28.8796



222.2680, -19.8521, 20.8130

Sweetspot

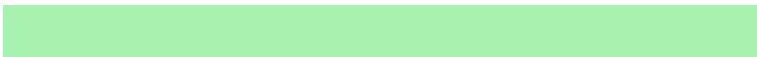
The Sweet Spot groups the original color and five complimentary colors.



214.5800, 13.5181, -42.6047



246.9490, 3.9691, -13.1103



211.5240, -18.4993, -39.9245



122.3410, 2.7899, -8.1921



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.



214.5800, 13.5181, -42.6047



220.1270, 17.1924, -54.4854



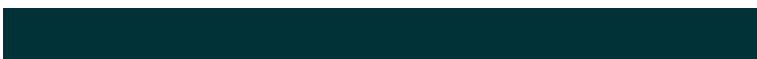
192.2740, 24.5149, -23.0423



115.8250, 2.0583, -6.8625



117.2440, 32.9107, -102.8230



35.7340, 9.9911, -31.3387

Inverse Universe

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



196.4760, 18.4993, 39.9245



196.9210, 23.7029, 50.9353



215.7260, -24.5149, 23.0423



112.8420, 3.0359, 6.2776



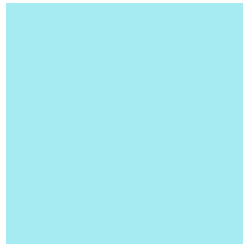
73.7120, 44.5120, 96.7226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 214.5800, 13.5181, -42.6047 looks on a white background.

Color Contrast Check

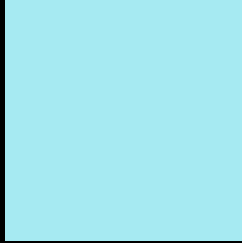
Large Text (above 18pt) WCAG AA × Fail

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 214.5800, 13.5181, -42.6047 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 214.5800, 13.5181, -42.6047 Background



This preview shows how black text looks on a background with the YUV color 214.5800, 13.5181, -42.6047.



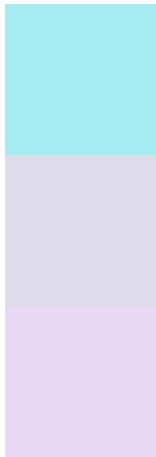
This preview shows how white text looks on a background with the YUV color 214.5800, 13.5181, -42.6047.

-42.6047.

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

214.5800, 13.5181, -42.6047

Protanopia

222.1940, 5.8204, -0.1701

Deuteranopia

224.2040, 10.7454, 6.8371



Tritanopia

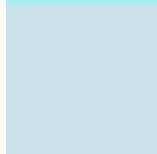
215.6170, 17.4438, -41.7601

Trichromacy



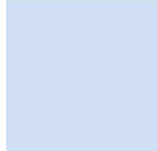
Original Color

214.5800, 13.5181, -42.6047



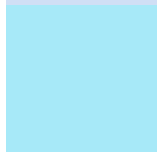
Protanomaly

219.4910, 8.6319, -15.3396



Deuteranomaly

221.0230, 11.8207, -11.4212



Tritanomaly

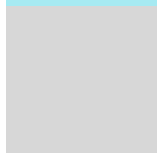
214.9760, 16.2808, -42.0750

Monochromacy



Original Color

214.5800, 13.5181, -42.6047



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8670, 4.9956, -15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5800, 13.5181, -42.6047 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, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 234, 242)  
}
```

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, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 234, 242) }
```

Border

The CSS property to change the border of an element to YUV 214.5800, 13.5181, -42.6047 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, 234, 242) }
```


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

```
.border{ border-color:rgb(166, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 234,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 214.5800, 13.5181, -42.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 234, 242) }
```

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

```
.background{ background-color: rgb(166,  
234, 242) }
```

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